



Test Monitoring Center

@ Carnegie Mellon University
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<http://astmtmc.cmu.edu>
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October 31, 2014

To Participants of the ASTM International Heavy Duty Rating Workshop:

The ASTM International Heavy Duty Rating Workshop was held on October 7-9, 2014 in San Antonio, TX. Enclosed are the minutes for the workshop and a copy of all of the data generated.

We would like to take this opportunity to thank you for your participation in this workshop. It is the full participation of the entire rating community that allows the rating methods of Manuals 20 and 21 to be the vital industry tools that they are. The input of each and every rater is a valued component of that tool. Any feedback on improving the workshop is welcome.

Sincerely,

Michael T. Kasimirsky
Workshop Coordinator

Notes on the Data

Following is the data produced during the October 7-9, 2014, ASTM International Heavy Duty Rating Workshop.

Some of the evaluation techniques are destructive and, therefore, do not easily allow repeated measurement (measurable sludge deposits, ring sticking, carbon probing, and parts wiping for example). Every effort is made to limit the destructive impact of repeated measurement of these deposits but repeatability and reproducibility cannot help but be adversely affected. This must be a consideration when reviewing data from deposits of this type.

The statistics presented include the data from all parts (including calibration parts and practical application parts) and all participants (including novice, field, and standardized engine test raters). It is important to have some knowledge of the raters involved when comparing results.

ASTM International strives to make this data useful to as broad a range of industry consumers as possible, however it is primarily intended to provide guidance to workshop participants. ASTM International endorses its use for no other purpose.

Heavy Duty Rating Workshop

October 7-9, 2014

San Antonio, Texas

Tuesday, October 7, 2014

The workshop began at 8:10am with 43 raters (two raters were late arrivals, due to flight delays) and two observers in attendance (see sign-in sheet). Michael Kasimirsky gave some opening remarks on the format of the workshop. Special thanks were given to both Tony Barrera and Bobby Trevino of Intertek Automotive Research for all their help in gathering the parts used at the workshop. Tony Barrera commented that Southwest Research Institute also provided parts for the workshop.

The format and room layouts of the workshop were reviewed, along with parts assignments and computer access instructions. Raters were also asked to confirm they received the correct serial-numbered Rust/Varnish/Lacquer Rating Scale and Sludge Depth Scale in their workshop materials.

The group then reviewed the various definitions of rubbed and non-rubbed carbon deposits and how those levels are determined. Light, Medium, and Heavy Carbon definitions were also reviewed, as was the proper merit ratings for "clean" parts. The use of Bracketed Ratings on several of the Practical Application parts was also reviewed.

Prior to starting the Preliminary Exercise, the raters were reminded to not touch or remove the deposits found on the parts in any way during the rating process. This includes touching or picking at carbon deposits with a pencil or other probe. Raters were also reminded that non-standard light sources are not to be used during the rating workshop.

At 8:50am, the group began rating the Preliminary Exercise.

At 11:55am, the group adjourned for lunch.

At 12:20pm, the group returned to finish up the rating of the Preliminary Exercise.

At 3:10pm, the group reviewed the Preliminary Exercise rating data.

At 4:25pm, the group began rating the Practical Application exercise.

At 5:30pm, the group adjourned for the evening.

Wednesday, October 8, 2014

Rating of the Practical Application exercise parts continued all day, with a break for lunch at 11:55am. The room was opened at 6:20am and closed at 6:15pm for the day.

Thursday, October 9, 2014

The room was opened for rating at 6:30am and the group finished rating the Practical Application exercise parts.

At 11:50am, the group adjourned for lunch.

At 12:15pm, the group returned to finish up the rating of the Preliminary Exercise.

At 1:00pm, the group reviewed the Practical Application exercise data.

Heavy Duty Rating Workshop

October 7-9, 2014

San Antonio, Texas

At 4:50pm, the workshop concluded.

Discussions

Data Screening

After the workshop, the data was reviewed as part of the process of preparing the Final Report for the workshop. The results were screened for outliers using E178, Standard Practice for Dealing with Outlying Observations, using a 99.8% confidence interval. During that review, several individual ratings were removed from the data set prior to the final analysis and BRW color codes being generated. On any ratings deemed to be an outlier, the entire part was removed from the analysis results. The individual rating results that were removed, and the specific rating that was deemed to be an outlier, are detailed below:

Part ID	Rater	Outlier Rating	Yi Value
CAL-B	Liong, Samuel	Groove 2	3.78
CAL-C	Goulais, Ed	Groove 2	3.87
		Groove 3	3.35
CAL-C	Stremlow, Mike	Land 2	4.11
CAL-C	Veiga, Victor	Land 3	4.05
CAL-D	Goulais, Ed	Groove 1	4.22
		Groove 3	4.75
F1-4	Goulais, Ed	Piston 2	3.35
G1-4	Reese, Kyle	Piston 2	3.90
CAL-N	Goulais, Ed	Land 3	4.72
CAL-N	Mueller, Stefan	Groove 3	4.62
CAL-W	Goulais, Ed	Groove 2	3.44
		Groove 3	4.87
CAL-W	King, Jennifer	Front	3.99
CAL-W	Mueller, Stefan	Land 2	3.53
CAL-W	Seiz, Ray	Land 3	3.63
VVCALR	Hill, Howard P.	Average	-3.67
A1	Guarda, Waldyr	Groove 4	3.12
A4	Guarda, Waldyr	Land 3	3.46
		Land 4	3.45
A8	Hodgson, Joshua	Land 2	3.21
B1	Ellis, Paul	Groove 1	3.45
B2	Ellis, Paul	Land 2	3.16
B2	Fujita, Hirokazu	Groove 3	3.48
B3	Viera, Ralph	Groove 2	2.82
B4	Ellis, Paul	Groove 1	3.46
		Groove 4	3.55
B5	Lowsky, John	Groove 1	3.86
B5	Reese, Kyle	Groove 2	3.87
		Land 2	3.50
B7	Reese, Kyle	Land 2	2.96
		Land 3	3.02
B8	Ellis, Paul	Anti-Thrust	2.88

Heavy Duty Rating Workshop

October 7-9, 2014

San Antonio, Texas

Part ID	Rater	Outlier Rating	Yi Value
B8	Reese, Kyle	Land 3	3.01
C1	Goulais, Ed	Groove 2	3.23
		Groove 3	3.38
		Land 2	-3.17
		Land 3	3.28
C2	Mueller, Stefan	Land 2	3.40
		Top Groove Fill	2.96
C2	Pitta, Jimmy	Groove 1	3.18
C4	Goulais, Ed	Groove 2	3.30
		Groove 3	3.59
		Land 4	3.41
C5	Goulais, Ed	Land 3	-3.23
C5	Mueller, Stefan	Groove 2	3.67
C8	Mueller, Stefan	Groove 2	2.92
		Land 2	2.92
		Land 3	3.11
C8	StremLOW, Mike	Thrust	2.93
		Anti-Thrust	3.01
K1-6	Seiz, Ray	Ring 1	2.74
Q1-8	Mueller, Stefan	Piston 2	3.21
S1-8	Seiz, Ray	Piston 5	2.94
U1	Mueller, Stefan	Groove 2	3.21
		Land 2	3.57
		Land 3	3.62
V1	Richards, Craig	Groove 2	-2.81
Y1	Goulais, Ed	Land 3	3.63
Y1	Richards, Craig	Groove 3	3.53
Y1	Seiz, Ray	Groove 2	3.85
Z1	Veiga, Victor	Groove 3	3.17

Rating Booth Lighting

At the prior Light Duty Rating Workshop, all the bulbs in both the rating booth lights and at the sludge rating tables were replaced. This resulted in much more consistent lighting in all rating positions. This will allow additional data collection on lighting levels at future workshops, in an effort to develop new lighting specifications to replace those currently listed in TMC Manual 20.

Future Workshops

The next Light Duty Rating Workshop will be held on April 14-16, 2015, at this same location. The next Heavy Duty Rating Workshop will be held on October 6-8, 2015, at this same location.

Heavy Duty Rating Workshop

October 7-9, 2014

San Antonio, Texas

Contact Information for TMC Manuals 20 & 21 and other rating scales and aids:

Yvonne Reese

ASTM International

100 Barr Harbor Drive

West Conshohocken, PA 19428

phone: (610) 832-9570

fax: (610) 834-7078

email: yreese@astm.org

Heavy Duty Rating Workshop 2014

Sign-In Sheet

Aguirre, Nancy P

Nancy P Aguirre

Alvernaz, Jack

Jack Alvernaz

Arrizon, Richard

Richard Arrizon

Avis, Steven

Steven Avis

Barrera, Tony

Tony Barrera

Cales, Jonathon

Jonathon Cales

Castillo, George

George Castillo

Clare, Jamie

Jamie Clare

Cumberworth, Lee

Lee Cumberworth

DeCapite, Vanessa

Vanessa DeCapite

Ellis, Paul

Paul Ellis

Escobar, Wilmar

Wilmar Escobar

Foecking, Brian

Brian Foecking

Fujita, Hirokazu

Hirokazu Fujita

Goulais, Ed

Ed Goulais

Guarda, Waldyr

Waldyr Guarda

Guo, Feng

Feng Guo

Hill, Howard P.

Howard P. Hill

Hodgson, Joshua

Joshua J. Hodgson

Hurst, Kevin R.

Kevin R. Hurst

Kawarasaki, Ikuyasu

Kawarasaki Ikuyasu

King, Jennifer

Jennifer King

Kobrinetz, Joaquin J.

Joaquin J. Kobrinetz

Kraemer, Vernon

Vernon Kraemer

Langford, Mike

Mike Langford

Liong, Samuel

Samuel Liong

Lonsway, Chris

Chris Lonsway

Lopez, Frank

Frank Lopez

Heavy Duty Rating Workshop 2014

Sign-In Sheet

Lowsky, John

John M Lowsky

May, Marianne

Marianne May

Mueller, Stefan

Stefan Müller

Parvaz, Ibrar

Ibrar Parvaz

Pitta, Jimmy

Jimmy Pitta

Potocar, William P

William P Potocar

Reese, Kyle

Kyle Reese

Richards, Craig

Craig Richards

Rodriguez, Jesus (Jesse)

Jesse Rodriguez

Sanchez, Arthur

Arthur Sanchez

Seiz, Ray

Ray Seiz

Stremlow, Mike

Mike Stremlow

Terrado, Ken

Ken Terrado

Trevino, Bobby

Bobby Trevino

Veiga, Victor

Victor Veiga

Viera, Ralph B.

Ralph B. Viera

Zalewski, John

John Zalewski

Heavy Duty Rating Workshop 2014

Sign-In Sheet

Aguirre, Nancy P

Nancy P. Aguirre

Alvernaz, Jack

Jack Alvernaz

Arrizon, Richard

Richard Arrizon

Avis, Steven

Steven Avis

Barrera, Tony

Tony Barrera

Cales, Jonathon

Jonathon Cales

Castillo, George

George Castillo

Clare, Jamie

Jamie Clare

Cumberworth, Lee

Lee Cumberworth

DeCapite, Vanessa

Vanessa DeCapite

Ellis, Paul

Paul Ellis

Escobar, Wilmar

Wilmar Escobar

Foecking, Brian

Brian Foecking

Fujita, Hirokazu

Hirokazu Fujita

Goulais, Ed

Ed Goulais

Guarda, Waldyr

Waldyr Guarda

Guo, Feng

Guo Feng

Hill, Howard P.

Howard P. Hill

Hodgson, Joshua

Joshua P. Hodgson

Hurst, Kevin R.

Kevin R. Hurst

Kawarasaki, Ikuyasu

Kawarasaki Ikuyasu

King, Jennifer

Jennifer King

Kobrinetz, Joaquin J.

Joaquin J. Kobrinetz

Kraemer, Vernon

Vernon Kraemer

Langford, Mike

Mike Langford

Liong, Samuel

Samuel Liong

Lonsway, Chris

Chris Lonsway

Lopez, Frank

Frank Lopez

Heavy Duty Rating Workshop 2014

Sign-In Sheet

Lowsky, John

John M Lowsky

May, Marianne

Marianne May

Mueller, Stefan

Stefan Mueller

Parvaz, Ibrar

Ibrar Parvaz

Pitta, Jimmy

Jimmy Pitta

Potocar, William P

William P Potocar

Reese, Kyle

Kyle Reese

Richards, Craig

Craig Richards

Rodriguez, Jesus (Jesse)

Jesse Rodriguez

Sanchez, Arthur

Arthur Sanchez

Seiz, Ray

Ray Seiz

Stremlow, Mike

Mike Stremlow

Terrado, Ken

Ken Terrado

Trevino, Bobby

Bobby Trevino

Veiga, Victor

Victor Veiga

Viera, Ralph B.

Ralph B. Viera

Zalewski, John

John Zalewski

Heavy Duty Rating Workshop 2014

Sign-In Sheet

Aguirre, Nancy P

Nancy P Aguirre

Alvernaz, Jack

Jack Alvernaz

Arrizon, Richard

Richard Arrizon

Avis, Steven

Steven Avis

Barrera, Tony

Tony Barrera

Cales, Jonathon

Jonathon Cales

Castillo, George

George Castillo

Clare, Jamie

Jamie Clare

Cumberworth, Lee

Lee Cumberworth

DeCapite, Vanessa

Vanessa DeCapite

Ellis, Paul

Paul Ellis

Escobar, Wilmar

Wilmar Escobar

Foecking, Brian

Brian Foecking

Fujita, Hirokazu

Hirokazu Fujita

Goulais, Ed

Ed Goulais

Guarda, Waldyr

Waldyr Guarda

Guo, Feng

Guo Feng

Hill, Howard P.

Howard P Hill

Hodgson, Joshua

Joshua P. Hodgson

Hurst, Kevin R.

Kevin R Hurst

Kawarasaki, Ikuyasu

Kawarasaki Ikuyasu

King, Jennifer

Jennifer King

Kobrinetz, Joaquin J.

Joaquin J Kobrinetz

Kraemer, Vernon

Vernon Kraemer

Langford, Mike

Mike Langford

Liong, Samuel

Samuel Liong

Lonsway, Chris

Chris Lonsway

Lopez, Frank

Frank Lopez

Heavy Duty Rating Workshop 2014
Sign-In Sheet

Lowsky, John

John Lowsky

May, Marianne

Marianne May

Mueller, Stefan

Stefan Mueller

Parvaz, Ibrar

Ibrar Parvaz

Pitta, Jimmy

Jimmy Pitta

Potocar, William P

William P Potocar

Reese, Kyle

Kyle Reese

Richards, Craig

Craig Richards

Rodriguez, Jesus (Jesse)

Jesse Rodriguez

Sanchez, Arthur

Arthur Sanchez

Seiz, Ray

Ray Seiz

Stremlow, Mike

Mike Stremlow

Terrado, Ken

Ken Terrado

Trevino, Bobby

Bobby Trevino

Veiga, Victor

Victor Veiga

Viera, Ralph B.

Ralph B. Viera

Zalewski, John

John Zalewski

Welcome to the Heavy Duty Rating Workshop

- Please sign in and pick up your rating scales packet.
- Rating Worksheets are at the back of the room.



Heavy Duty Rating Workshop

October 2014



Volunteers

- Thank you to Tony Barrera, Bobby Trevino, and the entire Intertek Staff for their support!



Rating Workshop Server Info

- To access the workshop server, access the local wireless network called “Rating Workshop”
- Workshop Web Address: <http://192.168.2.8/>
- Enter your *username* (printed in red on the summary page in your packet) in the “password” field on the entry screen. [Leave “TMC” in the other field.]
- Make sure Internet Explorer is using “compatibility mode” before you start entering data.
- If individual ratings do not auto-calculate, **stop and get help before entering additional data!**



New Rating Scales

- New Rust/Lacquer/Varnish scale included.
- New Sludge Rating Photo scale included.
- Please verify the serial number of both scales in your packet against the numbers listed on the summary page in your packet.
- *Rating Worksheets and a copy of the Room Layout are not included in the packet, but are available on the table at the back of the room.*



Rating Manuals

ASTM Headquarters supplies:

- TMC Manual 20 – Deposits
- TMC Manual 21 – Distress
 - Scales included

Go to : WWW.ASTM.ORG



Rating Manuals 20 & 21



Workshop Format

- Preliminary Exercise
 - Sludge Parts
 - Two Rocker Cover Baffles
 - Varnish Parts
 - Four “Composite” Calibration Pistons
 - Three sets of “calibration” Seq. V pistons (4 pistons)
 - Two Rocker Cover Baffles
 - One “Composite” DV4 piston
 - One “Composite” Field Piston
 - C13 Ring Set (six rings total, two per booth; rate all 6)
- Data Review & Discussion



Workshop Format (Continued)

- Practical Application
 - Piston Deposits
 - Nine Sequence III
 - Six square-cut
 - Three Keystone
 - Three C13-type
 - Three DV4 pistons
 - Three Field Pistons
 - Piston Skirt Varnish
 - Three Sequence V piston sets [8 pistons per set]
 - C13 Rings (three sets of six rings)



Workshop Format (Continued)

- Practical Application (continued)
 - Sludge (ISM)
 - Two Oil Pans
 - Two Rocker Covers
- Data Review & Discussion



Parts Assignments

- Calibration Exercise
 - Two “Composite” pistons
 - Two sets of Sequence V pistons
 - One DV4 piston
 - One Field Piston
- Practical Application
 - One Set of “Lettered” parts (A, B, C)
 - Two Sets of Sequence V pistons
 - Two DV4 pistons
 - Two Field Pistons



Parts Assignments (cont.)

- Parts assignments are the minimum required.
- Additional ratings are always advantageous.
- You're always free, and encouraged, to rate additional parts, if time allows.
- Any sludge deposit ratings of “C” depth or greater will be provided; i.e. no “gauging” of sludge will be required, or permitted, at the workshop.



“Demerit” Ratings

- For this workshop, all ratings should be made and recorded in the merit scale.
- Demerit results will be calculated for all piston deposit ratings.



Parts Modifications

- No modifications to any parts is permitted during the rating workshop.
 - Do not pick at or remove any deposits present on the parts.
 - Removing deposits from a part, to determine the deposit depth (or any other reason), is not permitted.
 - Any part found to be modified in this manner will be removed from the workshop calculations.



Use of Non-Standard Lighting

- Manual 20 lists specific requirements for the lighting color temperature and illumination level required for rating. (page 15)
- Sufficient lighting for rating is provided at each rating workstation.
- The use of non-standard lighting is not permitted.
 - No flashlights.
 - Ratings generated using non-standard lighting may be removed from the workshop results.



Rating Booth Time Limits

- Please try to limit your time in any particular rating booth. Twenty minutes per booth is a reasonable time limit.
- We have more attendees than we have rating stations available, so please be considerate to other attendees.



Review of TMC Manual 20 Rating Fundamentals

- Deposit – Any presence of material that has **intensity (color)** or **depth**. Deposits can occur on any internal engine, driveline or fuel system component due to the interaction of lubricant and/or fuel with the respective part. (page 9)
 - Deposits can be rated as: (page 19)
 - Carbon
 - Varnish
 - Sludge
 - Rust*

Non-Carbon Deposits
- * Rust is a special case of corrosion which will always deteriorate or alter the original surface condition.



Scale

- **Merit Rating** – Amount of a distress or deposit in numerical terms on a descending scale from ten (10), which represents absence of distress or deposits. (page 10)
 - Even though the scale is in whole number increments, it is permissible to assign deposit factors in tenths of a number in an effort to accurately describe the intensity level. (page 16)



Manual 20 Definitions

- **Varnish** – is a thin, hard, lustrous, oil-insoluble deposit, composed primarily of organic residue, and most readily definable by color intensity. It is not easily removed by wiping with a clean, dry, soft, lint-free wiping material and is resistant to saturated solvents. Its color may vary, but it usually appears in gray, brown, or amber hues. (page 43)



Manual 20 Definitions (cont)

- **Carbon** – a firm, highly insoluble deposit composed primarily of organic residue, and most readily definable by thickness or volume and texture. It is usually non-lustrous, except when rubbed smooth between adjoining parts, and is found primarily on surfaces operating above bulk unit temperature, but below the ashing point. It can be any color and is not limited to black, brown, or gray (page 49)



Manual 20 Definitions (cont)

- **Sludge** – is a deposit composed of organic residue which may contain fuel, lubricant, and/or water. Such deposits will be found on surfaces operating at bulk unit temperature and exposed to fuels and/or lubricants. These deposits do not drain from parts, but can be removed by wiping with moderate pressure using a lint-free wiping material. Deposits rated as sludge may vary in characteristics – color, transparency, and consistency. (page 23)



Varnish & Rust

- Rust and varnish normally have only intensity; however, deposit thickness will increase with intensity. The intensity factor is not intended to reflect the color of the surface. Three scales are used as a guide in establishing an intensity number which is independent of the original surface color. (page 19)



Manual 20 “Clean” Search

Sludge Rating Scale

Sludge ratings are made on a merit basis where a rating of 10.0 designates a part completely free of sludge. (page 23)

Rust/Varnish/Rubbed Carbon Rating Scale

The CRC Rust/Varnish/Rubbed Carbon Rating Scale is a continuous merit scale, ranging from 10.0 which is clean (the absence of deposits) to 0.0 which represents maximum deposits (heavy rubbed deposits, or those deposits that fill all of the available space between mating or adjoining hardware and display a rubbed or polished appearance). (page 50)

As a practical matter, there is no upper “clean limit” on a part run in an engine.

The “rule of thumb” that any “used” part can’t rate higher than 9.xx merits has no basis in the Rating Manual.



Sludge (Page 23)

- Sludge deposits are rated by their depth.
- Deposits represented by the letters 1/4A, 1/2A, 3/4A, A, AB, B, BC, and C are illustrated by the Sludge Depth Photo Scale.
- The "C" deposit level is to be determined by use of the Sludge Depth Gauge.
 - This gauge is the only mechanism for measuring sludge depth of "C" thickness or greater defined by the Sludge Depth Scale.



Carbon (Page 19)

- Carbon deposits are rated by their depth.
- Rubbed carbon depth is limited by the clearance between the parts on which it exists.
 - The maximum level occupies all the available space between the adjoining parts.
 - The minimum level has depth and a granular or matte surface, can be any color and is not limited to black, brown, or gray.



Manual 20 Carbon Levels

Typical Illustration					
Clearance Fill	100%	>66%<100%	33% - 66%	15% - <33%	15%
Description	HC	MHC	MC	LC	VLC
Deposit Factor (Demerit)	1.00	0.75	0.50	0.25	0.15
Deposit Factor (Merit)	0.00	0.25	0.50	0.75	0.85

HC = Heavy Carbon
 MHC = Medium Heavy Carbon
 MC = Medium Carbon
 LC = Light Carbon
 VLC = Very Light Carbon



Groove Deposit Review

- Groove carbon deposits at 100% clearance fill are mostly polished. However, even lesser depths of carbon can exhibit polished areas due to excess amount of carbon on the back of the ring and relative ring movement. These deposits are deemed **Heavy Carbon**.



Groove Deposit Review

- Groove carbon deposits < 100% clearance fill have depth and a granular or matte surface, can be any color and are not limited to black, brown, or gray. These are deemed **Light Carbon**.



Groove Deposit Review

- Groove carbon deposits greater than 25% clearance fill but less than 100% clearance fill, have depth and a granular or matte surface, can be any color and are not limited to black, brown, or gray. These are deemed **Medium Carbon**.



Groove Deposit Review

Typical Illustration			
Clearance Fill	100%	>25% <100%	<25%
Description	HC	MC	LC
Deposit Factor (Demerit)	1.00	0.50	0.25
Deposit Factor (Merit)	0.00	0.50	0.75

HC = heavy carbon
 MC = medium carbon
 LC = light carbon

Note that small-bore pistons only use two levels of carbon, HC & LC.

For this workshop, MC is used on all pistons except the Sequence III, Field, and D4V.



“Bracketed” Ratings

- For this workshop, “bracketed” ratings are only used on the oil cooling gallery and undercrown area of the 2-piece pistons.
- On any other part where bracketed ratings are indicated by the rating booth signs record your bracketed rating values and not the actual rated result.
- Only record bracketed ratings if instructed to do so by the booth signs.



#1 Rating Myth Dispelled

- **The Myth:** *“There are lots of ways to get to the final rating number on a part.”*
- **The Facts:** The part has one unique set of deposits on it. Those deposits correspond to one specific rating value.
 - A rated part surface that returns values of 0 merits over 50% of its surface and 10 merits over 50% of its surface is not the same as one that has rated values of 5 merits over 100% of its surface, even though the overall ratings of the two are mathematically identical.



Heavy Duty Rating Workshop
Data Entry Network

<http://192.168.2.8/>



Heavy Duty Rating Workshop 2014 - Preliminary Exercise

Left Rocker Cover Baffle Sludge Left Rocker Cover Baffle Varnish

Right Rocker Cover Baffle Sludge Right Rocker Cover Baffle Varnish

Cal Piston A Square Cut Groove 3	Cal Piston A Square Cut Groove 2	Cal Piston A Square Cut Groove 1
Cal Piston A 2-Piece Land 3	Cal Piston A Square Cut Land 2	Cal Piston A Square Cut TGF

Cal Piston B Square Cut Groove 1	Cal Piston B Square Cut Groove 2	Cal Piston B Square Cut Groove 3
	Cal Piston B Square Cut Land 2	Cal Piston B 2-Piece Land 3

Cal Piston D Square Cut Groove 3	Cal Piston D Square Cut Groove 2	Cal Piston D Square Cut Groove 1
Cal Piston D 2-Piece Land 3	Cal Piston D Square Cut Land 2	Cal Piston D Square Cut TGF

Cal Piston C Square Cut Groove 1	Cal Piston C Square Cut Groove 2	Cal Piston C Square Cut Groove 3
	Cal Piston C Square Cut Land 2	Cal Piston C 2-Piece Land 3

Cal Piston W Field Grooves 1,2,3	Cal Piston W Field Lands 2,3	Cal Piston W Field Front, Rear
Cal Piston N DV4 Groove 1	Cal Piston N DV4 Grooves 2,3	Cal Piston N DV4 Lands 2,3

Cal Pistons E1-4 Seq V Piston Skirt	Cal Pistons F1-4 Seq V Piston Skirt	Cal Pistons G1-4 Seq V Piston Skirt
	Cal Rings J3,J4 C13 Rings Carbon Deposits	Cal Rings J5,J6 C13 Rings Carbon Deposits

Heavy Duty Rating Workshop 2014 - Practical Application Exercise

ISM Pan Sludge 1
ISM Cover Sludge 1

ISM Pan Sludge 2
ISM Cover Sludge 2

A1 Square Cut	A2 Keystone	A3 C13-type
A6 2-Piece	A5 Seq III	A4 Square Cut

B3 C13-type	B2 Keystone	B1 Square Cut
B4 Square Cut	B5 Seq III	B6 2-Piece

A7 Seq III	B7 Seq III	C7 Seq III
A8 Seq III	B8 Seq III	C8 Seq III

C3 C13-type	C2 Keystone	C1 Square Cut
C4 Square Cut	C5 Seq III	C6 2-Piece

T1 Field Piston	U1 Field Piston	V1 Field Piston
X1 DV4 Piston	Y1 DV4 Piston	Z1 D4V Piston

Q1-8 Seq V Piston	R1-8 Seq V Pistons	S1-8 Seq V Pistons
K1-6 C13 Rings	L1-6 C13 Rings	M1-6 C13 Rings

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Part ID= CAL-A - CALIBRATION PISTON

Rated Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	TGF	
Avis, Steven	74.95	3.67	0.02	13.66	1.83	88.00	
Barrera, Tony	66.65	5.72	0.20	13.84	2.23	60.00	
Cales, Jonathon	62.32	4.94	0.20	10.29	2.27	83.00	
DeCapite, Vanessa	68.16	5.67	0.03	18.93	2.21	67.00	
Ellis, Paul	43.75	5.16	0.20	16.31	1.80	93.00	
Escobar, Wilmar	69.79	4.68	0.00	9.76	1.17	67.00	
Guarda, Waldyr	75.47	4.91	0.00	17.81	1.78	74.00	
Guo, Feng	69.34	4.26	0.30	9.70	2.49	71.00	
Hill, Howard P.	72.51	5.54	0.05	12.91	2.06	83.00	
King, Jennifer	69.79	4.82	0.20	22.74	1.93	38.00	
Kobrinetz, Joaquin J.	72.88	5.30	0.02	13.80	1.64	87.00	
Kraemer, Vernon	72.51	4.73	0.28	17.36	1.01	56.00	
Lonsway, Chris	61.54	5.04	0.20	9.85	1.34	91.00	
Lopez, Frank	72.88	4.94	0.10	10.55	1.43	86.00	
Lowsky, John	62.84	3.91	0.10	12.47	2.10	74.00	
May, Marianne	66.09	5.63	0.01	13.26	1.53	86.00	
Mueller, Stefan	74.91	3.55	0.10	6.49	2.51	100.00	
Potocar, William P	65.64	5.49	0.02	11.64	2.23	73.00	
Reese, Kyle	75.00	4.11	0.10	4.91	1.98	57.00	
Richards, Craig	66.84	2.96	0.24	37.37	0.42	45.00	
Stremlow, Mike	79.18	4.63	0.21	1.35	1.05	97.00	
Terrado, Ken	63.14	4.40	0.10	16.09	2.47	79.00	
Trevino, Bobby	60.73	4.35	0.18	11.26	2.03	70.00	
Viera, Ralph B.	73.89	5.43	0.08	15.05	1.97	73.00	
MAXIMUM	79.18	5.72	0.30	37.37	2.51	100.00	
MINIMUM	43.75	2.96	0.00	1.35	0.42	38.00	
RANGE(MAX-MIN)	35.430	2.760	0.300	36.020	2.090	62.000	
MEAN	68.367	4.743	0.123	13.642	1.812	74.917	
STANDARD DEVIATION	7.317	0.732	0.094	6.840	0.528	15.806	
N SIZE	24.000						

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Part ID= CAL-A - CALIBRATION PISTON

CAL-A Yi Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	TGF
Avis, Steven	0.90	-1.47	-1.09	0.00	0.03	0.83
Barrera, Tony	-0.23	1.33	0.82	0.03	0.79	-0.94
Cales, Jonathon	-0.83	0.27	0.82	-0.49	0.87	0.51
DeCapite, Vanessa	-0.03	1.27	-0.98	0.77	0.75	-0.50
Ellis, Paul	-3.36	0.57	0.82	0.39	-0.02	1.14
Escobar, Wilmar	0.19	-0.09	-1.30	-0.57	-1.22	-0.50
Guarda, Waldyr	0.97	0.23	-1.30	0.61	-0.06	-0.06
Guo, Feng	0.13	-0.66	1.89	-0.58	1.29	-0.25
Hill, Howard P.	0.57	1.09	-0.77	-0.11	0.47	0.51
King, Jennifer	0.19	0.10	0.82	1.33	0.22	-2.34
Kobrinetz, Joaquin J.	0.62	0.76	-1.09	0.02	-0.33	0.76
Kraemer, Vernon	0.57	-0.02	1.67	0.54	-1.52	-1.20
Lonsway, Chris	-0.93	0.41	0.82	-0.55	-0.89	1.02
Lopez, Frank	0.62	0.27	-0.24	-0.45	-0.72	0.70
Lowsky, John	-0.76	-1.14	-0.24	-0.17	0.55	-0.06
May, Marianne	-0.31	1.21	-1.20	-0.06	-0.53	0.70
Mueller, Stefan	0.89	-1.63	-0.24	-1.05	1.32	1.59
Potocar, William P	-0.37	1.02	-1.09	-0.29	0.79	-0.12
Reese, Kyle	0.91	-0.87	-0.24	-1.28	0.32	-1.13
Richards, Craig	-0.21	-2.44	1.25	3.47	-2.64	-1.89
Stremlow, Mike	1.48	-0.15	0.93	-1.80	-1.44	1.40
Terrado, Ken	-0.71	-0.47	-0.24	0.36	1.25	0.26
Trevino, Bobby	-1.04	-0.54	0.61	-0.35	0.41	-0.31
Viera, Ralph B.	0.75	0.94	-0.45	0.21	0.30	-0.12
MAXIMUM	-3.36	-2.44	1.89	3.47	-2.64	-2.34
MINIMUM	-0.03	-0.02	-0.24	0.00	-0.02	-0.06
RANGE(MAX-MIN)	-3.336	-2.418	2.127	3.466	-2.614	-2.278
MEAN	0.000	0.000	0.000	0.000	0.000	0.000
STANDARD DEVIATION	1.000	1.000	1.000	1.000	1.000	1.000
N SIZE	24.000					

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Part ID= CAL-B - CALIBRATION PISTON

Rated Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	TGF	
Aguirre, Nancy P	38.37	3.68	0.12	20.84	5.06	58.00	
Alvernaz, Jack	57.62	7.54	0.04	22.50	3.89	67.00	
Arrizon, Richard	49.37	6.55	0.21	20.99	3.41	67.00	
Avis, Steven	62.20	7.79	0.00	22.92	2.70	80.00	
Castillo, George	64.82	5.49	0.01	18.98	3.19	73.00	
Clare, Jamie	61.65	3.68	0.10	18.88	0.86	75.00	
DeCapite, Vanessa	43.25	6.82	0.02	16.96	2.42	70.00	
Ellis, Paul	87.50	3.94	0.30	18.83	3.83	80.00	
Foecking, Brian	55.54	5.84	0.00	21.72	4.50	74.00	
Fujita, Hirokazu	47.22	4.05	0.10	17.06	3.14	69.00	
Guarda, Waldyr	70.34	6.70	0.00	30.57	0.00	76.00	
Hodgson, Joshua	67.08	3.15	0.06	19.73	2.33	66.00	
Hurst, Kevin R.	65.04	6.38	0.20	18.91	3.49	76.00	
King, Jennifer	55.66	8.44	0.20	27.14	2.26	71.00	
Kobrinetz, Joaquin J.	56.31	5.64	0.03	20.27	2.88	65.00	
Langford, Mike	64.55	6.39	0.10	23.85	3.46	75.00	
Liong, Samuel	67.63	16.31	0.10	29.09	3.98	80.00	
Lowsky, John	40.89	2.48	0.15	19.61	2.05	70.00	
Mueller, Stefan	71.61	2.95	0.10	18.47	0.98	77.00	
Parvaz, Ibrar	62.68	6.90	0.50	27.54	2.98	67.00	
Potocar, William P	54.21	6.87	0.05	18.03	3.86	74.00	
Rodriguez, Jesus (Jesse)	54.78	8.22	0.10	20.02	3.16	65.00	
Sanchez, Arthur	59.37	3.63	0.30	17.37	3.00	78.00	
Stremlow, Mike	20.76	5.71	0.30	20.76	1.90	83.00	
Veiga, Victor	51.49	6.51	0.10	21.32	3.18	75.10	
Viera, Ralph B.	51.30	7.25	0.06	19.19	2.99	75.00	
MAXIMUM	87.50	16.31	0.50	30.57	5.06	83.00	
MINIMUM	20.76	2.48	0.00	16.96	0.00	58.00	
RANGE(MAX-MIN)	66.740	13.830	0.500	13.610	5.060	25.000	
MEAN	56.971	6.112	0.125	21.213	2.904	72.542	
STANDARD DEVIATION	12.882	2.701	0.120	3.673	1.120	5.889	
N SIZE	26.000						

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Part ID= CAL-B - CALIBRATION PISTON

CAL-B Yi Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	TGF
Aguirre, Nancy P	-1.44	-0.90	-0.04	-0.10	1.92	-2.47
Alvernaz, Jack	0.05	0.53	-0.71	0.35	0.88	-0.94
Arrizon, Richard	-0.59	0.16	0.71	-0.06	0.45	-0.94
Avis, Steven	0.41	0.62	-1.05	0.46	-0.18	1.27
Castillo, George	0.61	-0.23	-0.96	-0.61	0.26	0.08
Clare, Jamie	0.36	-0.90	-0.21	-0.64	-1.82	0.42
DeCapite, Vanessa	-1.07	0.26	-0.88	-1.16	-0.43	-0.43
Ellis, Paul	2.37	-0.80	1.46	-0.65	0.83	1.27
Foecking, Brian	-0.11	-0.10	-1.05	0.14	1.42	0.25
Fujita, Hirokazu	-0.76	-0.76	-0.21	-1.13	0.21	-0.60
Guarda, Waldyr	1.04	0.22	-1.05	2.55	-2.59	0.59
Hodgson, Joshua	0.78	-1.10	-0.54	-0.40	-0.51	-1.11
Hurst, Kevin R.	0.63	0.10	0.63	-0.63	0.52	0.59
King, Jennifer	-0.10	0.86	0.63	1.61	-0.57	-0.26
Kobrinetz, Joaquin J.	-0.05	-0.17	-0.79	-0.26	-0.02	-1.28
Langford, Mike	0.59	0.10	-0.21	0.72	0.50	0.42
Liong, Samuel	0.83	3.78	-0.21	2.14	0.96	1.27
Lowsky, John	-1.25	-1.34	0.21	-0.44	-0.76	-0.43
Mueller, Stefan	1.14	-1.17	-0.21	-0.75	-1.72	0.76
Parvaz, Ibrar	0.44	0.29	3.14	1.72	0.07	-0.94
Potocar, William P	-0.21	0.28	-0.63	-0.87	0.85	0.25
Rodriguez, Jesus (Jesse)	-0.17	0.78	-0.21	-0.32	0.23	-1.28
Sanchez, Arthur	0.19	-0.92	1.46	-1.05	0.09	0.93
Stremlow, Mike	-2.81	-0.15	1.46	-0.12	-0.90	1.78
Veiga, Victor	-0.43	0.15	-0.21	0.03	0.25	0.43
Viera, Ralph B.	-0.44	0.42	-0.54	-0.55	0.08	0.42
MAXIMUM	-2.81	3.78	3.14	2.55	-2.59	-2.47
MINIMUM	0.05	0.10	-0.04	0.03	-0.02	0.08
RANGE(MAX-MIN)	-2.861	3.677	3.178	2.518	-2.571	-2.547
MEAN	0.000	0.000	0.000	0.000	0.000	0.000
STANDARD DEVIATION	1.000	1.000	1.000	1.000	1.000	1.000
N SIZE	26.000					

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Part ID= CAL-B - CALIBRATION PISTON

Rated Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	TGF	
Aguirre, Nancy P	38.37	3.68	0.12	20.84	5.06	58.00	
Alvernaz, Jack	57.62	7.54	0.04	22.50	3.89	67.00	
Arrizon, Richard	49.37	6.55	0.21	20.99	3.41	67.00	
Avis, Steven	62.20	7.79	0.00	22.92	2.70	80.00	
Castillo, George	64.82	5.49	0.01	18.98	3.19	73.00	
Clare, Jamie	61.65	3.68	0.10	18.88	0.86	75.00	
DeCapite, Vanessa	43.25	6.82	0.02	16.96	2.42	70.00	
Ellis, Paul	87.50	3.94	0.30	18.83	3.83	80.00	
Foecking, Brian	55.54	5.84	0.00	21.72	4.50	74.00	
Fujita, Hirokazu	47.22	4.05	0.10	17.06	3.14	69.00	
Guarda, Waldyr	70.34	6.70	0.00	30.57	0.00	76.00	
Hodgson, Joshua	67.08	3.15	0.06	19.73	2.33	66.00	
Hurst, Kevin R.	65.04	6.38	0.20	18.91	3.49	76.00	
King, Jennifer	55.66	8.44	0.20	27.14	2.26	71.00	
Kobrinetz, Joaquin J.	56.31	5.64	0.03	20.27	2.88	65.00	
Langford, Mike	64.55	6.39	0.10	23.85	3.46	75.00	
Lowsky, John	40.89	2.48	0.15	19.61	2.05	70.00	
Mueller, Stefan	71.61	2.95	0.10	18.47	0.98	77.00	
Parvaz, Ibrar	62.68	6.90	0.50	27.54	2.98	67.00	
Potocar, William P	54.21	6.87	0.05	18.03	3.86	74.00	
Rodriguez, Jesus (Jesse)	54.78	8.22	0.10	20.02	3.16	65.00	
Sanchez, Arthur	59.37	3.63	0.30	17.37	3.00	78.00	
Stremlow, Mike	20.76	5.71	0.30	20.76	1.90	83.00	
Veiga, Victor	51.49	6.51	0.10	21.32	3.18	75.10	
Viera, Ralph B.	51.30	7.25	0.06	19.19	2.99	75.00	
MAXIMUM	87.50	8.44	0.50	30.57	5.06	83.00	
MINIMUM	20.76	2.48	0.00	16.96	0.00	58.00	
RANGE(MAX-MIN)	66.740	5.960	0.500	13.610	5.060	25.000	
MEAN	56.544	5.704	0.126	20.898	2.861	72.244	
STANDARD DEVIATION	12.959	1.758	0.122	3.371	1.121	5.806	
N SIZE	25.000						

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Part ID= CAL-B - CALIBRATION PISTON

CAL-B Yi Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	TGF	
Aguirre, Nancy P	-1.40	-1.15	-0.05	-0.02	1.96	-2.45	
Alvernaz, Jack	0.08	1.04	-0.71	0.48	0.92	-0.90	
Arrizon, Richard	-0.55	0.48	0.69	0.03	0.49	-0.90	
Avis, Steven	0.44	1.19	-1.03	0.60	-0.14	1.34	
Castillo, George	0.64	-0.12	-0.95	-0.57	0.29	0.13	
Clare, Jamie	0.39	-1.15	-0.21	-0.60	-1.78	0.47	
DeCapite, Vanessa	-1.03	0.63	-0.87	-1.17	-0.39	-0.39	
Ellis, Paul	2.39	-1.00	1.43	-0.61	0.86	1.34	
Foecking, Brian	-0.08	0.08	-1.03	0.24	1.46	0.30	
Fujita, Hirokazu	-0.72	-0.94	-0.21	-1.14	0.25	-0.56	
Guarda, Waldyr	1.06	0.57	-1.03	2.87	-2.55	0.65	
Hodgson, Joshua	0.81	-1.45	-0.54	-0.35	-0.47	-1.08	
Hurst, Kevin R.	0.66	0.38	0.61	-0.59	0.56	0.65	
King, Jennifer	-0.07	1.56	0.61	1.85	-0.54	-0.21	
Kobrinetz, Joaquin J.	-0.02	-0.04	-0.79	-0.19	0.02	-1.25	
Langford, Mike	0.62	0.39	-0.21	0.88	0.53	0.47	
Lowsky, John	-1.21	-1.83	0.20	-0.38	-0.72	-0.39	
Mueller, Stefan	1.16	-1.57	-0.21	-0.72	-1.68	0.82	
Parvaz, Ibrar	0.47	0.68	3.07	1.97	0.11	-0.90	
Potocar, William P	-0.18	0.66	-0.62	-0.85	0.89	0.30	
Rodriguez, Jesus (Jesse)	-0.14	1.43	-0.21	-0.26	0.27	-1.25	
Sanchez, Arthur	0.22	-1.18	1.43	-1.05	0.12	0.99	
Stremlow, Mike	-2.76	0.00	1.43	-0.04	-0.86	1.85	
Veiga, Victor	-0.39	0.46	-0.21	0.13	0.28	0.49	
Viera, Ralph B.	-0.40	0.88	-0.54	-0.51	0.12	0.47	
MAXIMUM	-2.76	-1.83	3.07	2.87	-2.55	-2.45	
MINIMUM	-0.02	0.00	-0.05	-0.02	0.02	0.13	
RANGE(MAX-MIN)	-2.743	-1.838	3.117	2.886	-2.569	-2.583	
MEAN	0.000	0.000	0.000	0.000	0.000	0.000	
STANDARD DEVIATION	1.000	1.000	1.000	1.000	1.000	1.000	
N SIZE	25.000						

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Part ID= CAL-C - CALIBRATION PISTON

Rated Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	TGF
Aguirre, Nancy P	27.57	6.29	0.17	13.50	2.97	56.00
Barrera, Tony	27.70	9.98	0.30	14.19	4.03	70.00
Castillo, George	32.39	11.15	0.23	11.82	3.86	69.00
Cumberworth, Lee	41.35	11.87	0.36	13.46	6.88	60.00
Ellis, Paul	75.00	13.31	0.66	15.35	3.39	85.00
Foecking, Brian	25.70	8.23	0.01	14.32	5.04	65.00
Goulais, Ed	51.25	45.00	1.00	15.30	1.30	95.00
Guo, Feng	37.73	13.91	0.20	11.73	4.14	65.00
Hodgson, Joshua	31.83	15.33	0.14	13.14	4.73	65.00
Kawarasaki, Ikuyasu	30.91	24.62	0.25	14.85	3.66	58.00
Kobrinetz, Joaquin J.	36.80	11.12	0.30	13.57	3.37	65.00
Langford, Mike	40.98	13.49	0.40	12.46	5.58	70.00
Lonsway, Chris	27.36	13.27	0.15	11.34	3.73	58.00
Lowsky, John	32.11	3.51	0.43	13.51	4.51	66.00
Mueller, Stefan	60.49	5.10	0.10	5.64	5.50	92.00
Pitta, Jimmy	31.30	12.32	0.03	13.21	3.75	67.00
Reese, Kyle	45.00	5.89	0.26	6.37	3.39	63.00
Rodriguez, Jesus (Jesse)	35.69	15.31	0.40	12.78	4.85	64.00
Seiz, Ray	38.91	5.65	0.05	14.48	4.09	61.00
Stremlow, Mike	41.90	14.17	0.19	37.48	3.76	80.00
Terrado, Ken	34.29	11.61	0.18	14.48	5.36	70.00
Veiga, Victor	31.25	12.07	0.10	15.49	14.09	76.00
Zalewski, John	38.14	11.34	0.24	15.73	3.73	73.00
MAXIMUM	75.00	45.00	1.00	37.48	14.09	95.00
MINIMUM	25.70	3.51	0.01	5.64	1.30	56.00
RANGE(MAX-MIN)	49.300	41.490	0.990	31.840	12.790	39.000
MEAN	38.072	12.806	0.267	14.096	4.596	69.261
STANDARD DEVIATION	11.442	8.311	0.218	5.691	2.346	10.319
N SIZE	23.000					

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Part ID= CAL-C - CALIBRATION PISTON

CAL-C Yi Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	TGF
Aguirre, Nancy P	-0.92	-0.78	-0.45	-0.10	-0.69	-1.29
Barrera, Tony	-0.91	-0.34	0.15	0.02	-0.24	0.07
Castillo, George	-0.50	-0.20	-0.17	-0.40	-0.31	-0.03
Cumberworth, Lee	0.29	-0.11	0.42	-0.11	0.97	-0.90
Ellis, Paul	3.23	0.06	1.80	0.22	-0.51	1.53
Foecking, Brian	-1.08	-0.55	-1.18	0.04	0.19	-0.41
Goulais, Ed	1.15	3.87	3.35	0.21	-1.41	2.49
Guo, Feng	-0.03	0.13	-0.31	-0.42	-0.19	-0.41
Hodgson, Joshua	-0.55	0.30	-0.58	-0.17	0.06	-0.41
Kawarasaki, Ikuyasu	-0.63	1.42	-0.08	0.13	-0.40	-1.09
Kobrinetz, Joaquin J.	-0.11	-0.20	0.15	-0.09	-0.52	-0.41
Langford, Mike	0.25	0.08	0.61	-0.29	0.42	0.07
Lonsway, Chris	-0.94	0.06	-0.54	-0.48	-0.37	-1.09
Lowsky, John	-0.52	-1.12	0.74	-0.10	-0.04	-0.32
Mueller, Stefan	1.96	-0.93	-0.77	-1.49	0.39	2.20
Pitta, Jimmy	-0.59	-0.06	-1.09	-0.16	-0.36	-0.22
Reese, Kyle	0.61	-0.83	-0.03	-1.36	-0.51	-0.61
Rodriguez, Jesus (Jesse)	-0.21	0.30	0.61	-0.23	0.11	-0.51
Seiz, Ray	0.07	-0.86	-1.00	0.07	-0.22	-0.80
Stremlow, Mike	0.33	0.16	-0.35	4.11	-0.36	1.04
Terrado, Ken	-0.33	-0.14	-0.40	0.07	0.33	0.07
Veiga, Victor	-0.60	-0.09	-0.77	0.25	4.05	0.65
Zalewski, John	0.01	-0.18	-0.13	0.29	-0.37	0.36
MAXIMUM	3.23	3.87	3.35	4.11	4.05	2.49
MINIMUM	0.01	0.06	-0.03	0.02	-0.04	-0.03
RANGE(MAX-MIN)	3.221	3.818	3.388	4.093	4.084	2.520
MEAN	0.000	0.000	0.000	0.000	0.000	0.000
STANDARD DEVIATION	1.000	1.000	1.000	1.000	1.000	1.000
N SIZE	23.000					

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Part ID= CAL-C - CALIBRATION PISTON

Rated Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	TGF
Aguirre, Nancy P	27.57	6.29	0.17	13.50	2.97	56.00
Barrera, Tony	27.70	9.98	0.30	14.19	4.03	70.00
Castillo, George	32.39	11.15	0.23	11.82	3.86	69.00
Cumberworth, Lee	41.35	11.87	0.36	13.46	6.88	60.00
Ellis, Paul	75.00	13.31	0.66	15.35	3.39	85.00
Foecking, Brian	25.70	8.23	0.01	14.32	5.04	65.00
Guo, Feng	37.73	13.91	0.20	11.73	4.14	65.00
Hodgson, Joshua	31.83	15.33	0.14	13.14	4.73	65.00
Kawarasaki, Ikuyasu	30.91	24.62	0.25	14.85	3.66	58.00
Kobrinetz, Joaquin J.	36.80	11.12	0.30	13.57	3.37	65.00
Langford, Mike	40.98	13.49	0.40	12.46	5.58	70.00
Lonsway, Chris	27.36	13.27	0.15	11.34	3.73	58.00
Lowsky, John	32.11	3.51	0.43	13.51	4.51	66.00
Mueller, Stefan	60.49	5.10	0.10	5.64	5.50	92.00
Pitta, Jimmy	31.30	12.32	0.03	13.21	3.75	67.00
Reese, Kyle	45.00	5.89	0.26	6.37	3.39	63.00
Rodriguez, Jesus (Jesse)	35.69	15.31	0.40	12.78	4.85	64.00
Seiz, Ray	38.91	5.65	0.05	14.48	4.09	61.00
Terrado, Ken	34.29	11.61	0.18	14.48	5.36	70.00
Zalewski, John	38.14	11.34	0.24	15.73	3.73	73.00
MAXIMUM	75.00	24.62	0.66	15.73	6.88	92.00
MINIMUM	25.70	3.51	0.01	5.64	2.97	56.00
RANGE(MAX-MIN)	49.300	21.110	0.650	10.090	3.910	36.000
MEAN	37.563	11.165	0.243	12.797	4.328	67.100
STANDARD DEVIATION	11.788	4.741	0.157	2.600	0.971	8.663
N SIZE	20.000					

Part ID= CAL-C - CALIBRATION PISTON

CAL-C Yi Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	TGF
Aguirre, Nancy P	-0.85	-1.03	-0.47	0.27	-1.40	-1.28
Barrera, Tony	-0.84	-0.25	0.36	0.54	-0.31	0.33
Castillo, George	-0.44	0.00	-0.08	-0.38	-0.48	0.22
Cumberworth, Lee	0.32	0.15	0.75	0.26	2.63	-0.82
Ellis, Paul	3.18	0.45	2.66	0.98	-0.97	2.07
Foecking, Brian	-1.01	-0.62	-1.49	0.59	0.73	-0.24
Guo, Feng	0.01	0.58	-0.27	-0.41	-0.19	-0.24
Hodgson, Joshua	-0.49	0.88	-0.66	0.13	0.41	-0.24
Kawarasaki, Ikuyasu	-0.56	2.84	0.04	0.79	-0.69	-1.05
Kobrinetz, Joaquin J.	-0.06	-0.01	0.36	0.30	-0.99	-0.24
Langford, Mike	0.29	0.49	1.00	-0.13	1.29	0.33
Lonsway, Chris	-0.87	0.44	-0.59	-0.56	-0.62	-1.05
Lowsky, John	-0.46	-1.61	1.19	0.27	0.19	-0.13
Mueller, Stefan	1.94	-1.28	-0.91	-2.75	1.21	2.87
Pitta, Jimmy	-0.53	0.24	-1.36	0.16	-0.60	-0.01
Reese, Kyle	0.63	-1.11	0.11	-2.47	-0.97	-0.47
Rodriguez, Jesus (Jesse)	-0.16	0.87	1.00	-0.01	0.54	-0.36
Seiz, Ray	0.11	-1.16	-1.23	0.65	-0.25	-0.70
Terrado, Ken	-0.28	0.09	-0.40	0.65	1.06	0.33
Zalewski, John	0.05	0.04	-0.02	1.13	-0.62	0.68
MAXIMUM	3.18	2.84	2.66	-2.75	2.63	2.87
MINIMUM	0.01	0.00	-0.02	-0.01	0.19	-0.01
RANGE(MAX-MIN)	3.162	2.841	2.680	-2.746	2.441	2.886
MEAN	0.000	0.000	0.000	0.000	0.000	0.000
STANDARD DEVIATION	1.000	1.000	1.000	1.000	1.000	1.000
N SIZE	20.000					

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Part ID= CAL-D - CALIBRATION PISTON

Rated Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	TGF	
Alvernaz, Jack	42.77	16.89	1.79	13.26	1.80	54.00	
Arrizon, Richard	34.94	17.97	1.79	13.78	2.28	53.50	
Cales, Jonathon	31.05	12.87	2.92	15.32	3.27	52.00	
Clare, Jamie	33.21	8.55	0.91	14.27	0.94	55.00	
Cumberworth, Lee	34.92	19.99	1.89	11.65	1.50	52.00	
Escobar, Wilmar	35.14	18.18	1.70	14.34	1.11	52.00	
Fujita, Hirokazu	37.41	19.19	1.94	12.66	2.17	52.80	
Goulais, Ed	88.50	71.25	25.00	16.40	1.15	82.00	
Hill, Howard P.	37.26	15.46	1.51	14.50	1.76	58.00	
Hurst, Kevin R.	40.33	35.82	1.36	11.94	1.67	47.00	
Kawarasaki, Ikuyasu	35.81	24.09	0.91	11.39	0.95	65.00	
Kobrinetz, Joaquin J.	34.97	18.14	1.45	12.44	1.84	52.00	
Kraemer, Vernon	31.08	12.38	1.44	31.81	1.95	53.00	
Liong, Samuel	40.08	20.96	1.77	16.85	2.05	69.00	
Lonsway, Chris	28.49	19.00	1.54	11.56	2.08	44.50	
May, Marianne	31.62	18.92	0.80	12.78	1.49	58.00	
Mueller, Stefan	38.95	0.90	3.80	11.21	0.90	69.00	
Parvaz, Ibrar	38.48	19.36	2.07	20.02	1.82	53.00	
Pitta, Jimmy	41.51	17.13	1.59	12.57	2.06	54.00	
Richards, Craig	55.31	66.05	6.61	31.03	0.51	60.00	
Sanchez, Arthur	36.01	19.01	0.77	14.01	1.63	67.00	
Seiz, Ray	44.93	18.84	1.33	22.11	1.12	58.00	
Stremlow, Mike	22.10	19.08	0.99	12.19	1.00	72.00	
Trevino, Bobby	34.21	15.69	1.02	12.05	2.06	54.00	
Viera, Ralph B.	36.34	19.86	1.66	14.17	2.03	52.00	
Zalewski, John	35.12	19.32	1.13	13.32	1.00	58.00	
MAXIMUM	88.50	71.25	25.00	31.81	3.27	82.00	
MINIMUM	22.10	0.90	0.77	11.21	0.51	44.50	
RANGE(MAX-MIN)	66.400	70.350	24.230	20.600	2.760	37.500	
MEAN	38.482	21.727	2.680	15.293	1.621	57.569	
STANDARD DEVIATION	11.853	14.990	4.702	5.396	0.595	8.440	
N SIZE	26.000						

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Part ID= CAL-D - CALIBRATION PISTON

CAL-D Yi Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	TGF	
Alvernaz, Jack	0.36	-0.32	-0.19	-0.38	0.30	-0.42	
Arrizon, Richard	-0.30	-0.25	-0.19	-0.28	1.11	-0.48	
Cales, Jonathon	-0.63	-0.59	0.05	0.00	2.77	-0.66	
Clare, Jamie	-0.44	-0.88	-0.38	-0.19	-1.14	-0.30	
Cumberworth, Lee	-0.30	-0.12	-0.17	-0.68	-0.20	-0.66	
Escobar, Wilmar	-0.28	-0.24	-0.21	-0.18	-0.86	-0.66	
Fujita, Hirokazu	-0.09	-0.17	-0.16	-0.49	0.92	-0.57	
Goulais, Ed	4.22	3.30	4.75	0.21	-0.79	2.89	
Hill, Howard P.	-0.10	-0.42	-0.25	-0.15	0.23	0.05	
Hurst, Kevin R.	0.16	0.94	-0.28	-0.62	0.08	-1.25	
Kawarasaki, Ikuyasu	-0.23	0.16	-0.38	-0.72	-1.13	0.88	
Kobrinetz, Joaquin J.	-0.30	-0.24	-0.26	-0.53	0.37	-0.66	
Kraemer, Vernon	-0.62	-0.62	-0.26	3.06	0.55	-0.54	
Liong, Samuel	0.13	-0.05	-0.19	0.29	0.72	1.35	
Lonsway, Chris	-0.84	-0.18	-0.24	-0.69	0.77	-1.55	
May, Marianne	-0.58	-0.19	-0.40	-0.47	-0.22	0.05	
Mueller, Stefan	0.04	-1.39	0.24	-0.76	-1.21	1.35	
Parvaz, Ibrar	0.00	-0.16	-0.13	0.88	0.33	-0.54	
Pitta, Jimmy	0.26	-0.31	-0.23	-0.50	0.74	-0.42	
Richards, Craig	1.42	2.96	0.84	2.92	-1.87	0.29	
Sanchez, Arthur	-0.21	-0.18	-0.41	-0.24	0.02	1.12	
Seiz, Ray	0.54	-0.19	-0.29	1.26	-0.84	0.05	
Stremlow, Mike	-1.38	-0.18	-0.36	-0.58	-1.04	1.71	
Trevino, Bobby	-0.36	-0.40	-0.35	-0.60	0.74	-0.42	
Viera, Ralph B.	-0.18	-0.12	-0.22	-0.21	0.69	-0.66	
Zalewski, John	-0.28	-0.16	-0.33	-0.37	-1.04	0.05	
MAXIMUM	4.22	3.30	4.75	3.06	2.77	2.89	
MINIMUM	0.00	-0.05	0.05	0.00	0.02	0.05	
RANGE(MAX-MIN)	4.220	3.355	4.695	3.056	2.755	2.844	
MEAN	0.000	0.000	0.000	0.000	0.000	0.000	
STANDARD DEVIATION	1.000	1.000	1.000	1.000	1.000	1.000	
N SIZE	26.000						

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Part ID= CAL-D - CALIBRATION PISTON

Rated Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	TGF	
Alvernaz, Jack	42.77	16.89	1.79	13.26	1.80	54.00	
Arrizon, Richard	34.94	17.97	1.79	13.78	2.28	53.50	
Cales, Jonathon	31.05	12.87	2.92	15.32	3.27	52.00	
Clare, Jamie	33.21	8.55	0.91	14.27	0.94	55.00	
Cumberworth, Lee	34.92	19.99	1.89	11.65	1.50	52.00	
Escobar, Wilmar	35.14	18.18	1.70	14.34	1.11	52.00	
Fujita, Hirokazu	37.41	19.19	1.94	12.66	2.17	52.80	
Hill, Howard P.	37.26	15.46	1.51	14.50	1.76	58.00	
Hurst, Kevin R.	40.33	35.82	1.36	11.94	1.67	47.00	
Kawarasaki, Ikuyasu	35.81	24.09	0.91	11.39	0.95	65.00	
Kobrinetz, Joaquin J.	34.97	18.14	1.45	12.44	1.84	52.00	
Kraemer, Vernon	31.08	12.38	1.44	31.81	1.95	53.00	
Liong, Samuel	40.08	20.96	1.77	16.85	2.05	69.00	
Lonsway, Chris	28.49	19.00	1.54	11.56	2.08	44.50	
May, Marianne	31.62	18.92	0.80	12.78	1.49	58.00	
Mueller, Stefan	38.95	0.90	3.80	11.21	0.90	69.00	
Parvaz, Ibrar	38.48	19.36	2.07	20.02	1.82	53.00	
Pitta, Jimmy	41.51	17.13	1.59	12.57	2.06	54.00	
Richards, Craig	55.31	66.05	6.61	31.03	0.51	60.00	
Sanchez, Arthur	36.01	19.01	0.77	14.01	1.63	67.00	
Seiz, Ray	44.93	18.84	1.33	22.11	1.12	58.00	
Stremlow, Mike	22.10	19.08	0.99	12.19	1.00	72.00	
Trevino, Bobby	34.21	15.69	1.02	12.05	2.06	54.00	
Viera, Ralph B.	36.34	19.86	1.66	14.17	2.03	52.00	
Zalewski, John	35.12	19.32	1.13	13.32	1.00	58.00	
MAXIMUM	55.31	66.05	6.61	31.81	3.27	72.00	
MINIMUM	22.10	0.90	0.77	11.21	0.51	44.50	
RANGE(MAX-MIN)	33.210	65.150	5.840	20.600	2.760	27.500	
MEAN	36.482	19.746	1.788	15.249	1.640	56.592	
STANDARD DEVIATION	6.159	11.304	1.203	5.503	0.600	6.952	
N SIZE	25.000						

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Part ID= CAL-D - CALIBRATION PISTON

CAL-D Yi Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	TGF
Alvernaz, Jack	1.02	-0.25	0.00	-0.36	0.27	-0.37
Arrizon, Richard	-0.25	-0.16	0.00	-0.27	1.07	-0.44
Cales, Jonathon	-0.88	-0.61	0.94	0.01	2.72	-0.66
Clare, Jamie	-0.53	-0.99	-0.73	-0.18	-1.17	-0.23
Cumberworth, Lee	-0.25	0.02	0.09	-0.65	-0.23	-0.66
Escobar, Wilmar	-0.22	-0.14	-0.07	-0.17	-0.88	-0.66
Fujita, Hirokazu	0.15	-0.05	0.13	-0.47	0.88	-0.55
Hill, Howard P.	0.13	-0.38	-0.23	-0.14	0.20	0.20
Hurst, Kevin R.	0.62	1.42	-0.36	-0.60	0.05	-1.38
Kawarasaki, Ikuyasu	-0.11	0.38	-0.73	-0.70	-1.15	1.21
Kobrinetz, Joaquin J.	-0.25	-0.14	-0.28	-0.51	0.33	-0.66
Kraemer, Vernon	-0.88	-0.65	-0.29	3.01	0.52	-0.52
Liong, Samuel	0.58	0.11	-0.01	0.29	0.68	1.78
Lonsway, Chris	-1.30	-0.07	-0.21	-0.67	0.73	-1.74
May, Marianne	-0.79	-0.07	-0.82	-0.45	-0.25	0.20
Mueller, Stefan	0.40	-1.67	1.67	-0.73	-1.23	1.78
Parvaz, Ibrar	0.32	-0.03	0.23	0.87	0.30	-0.52
Pitta, Jimmy	0.82	-0.23	-0.16	-0.49	0.70	-0.37
Richards, Craig	3.06	4.10	4.01	2.87	-1.88	0.49
Sanchez, Arthur	-0.08	-0.07	-0.85	-0.23	-0.02	1.50
Seiz, Ray	1.37	-0.08	-0.38	1.25	-0.87	0.20
Stremlow, Mike	-2.34	-0.06	-0.66	-0.56	-1.07	2.22
Trevino, Bobby	-0.37	-0.36	-0.64	-0.58	0.70	-0.37
Viera, Ralph B.	-0.02	0.01	-0.11	-0.20	0.65	-0.66
Zalewski, John	-0.22	-0.04	-0.55	-0.35	-1.07	0.20
MAXIMUM	3.06	4.10	4.01	3.01	2.72	2.22
MINIMUM	-0.02	0.01	0.00	0.01	-0.02	0.20
RANGE(MAX-MIN)	3.080	4.086	4.006	2.997	2.735	2.014
MEAN	0.000	0.000	0.000	0.000	0.000	0.000
STANDARD DEVIATION	1.000	1.000	1.000	1.000	1.000	1.000
N SIZE	25.000					

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Part ID= E1-4 - CAL. SEQ V PISTONS

Rated Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	P1MERI	P2MERI	P3MERI	P4MERI
Avis, Steven	0.73	0.83	1.10	1.25
Barrera, Tony	0.82	1.09	1.20	1.13
Castillo, George	0.87	1.15	1.34	1.09
Clare, Jamie	0.55	0.69	0.80	0.67
DeCapite, Vanessa	0.76	1.05	1.12	1.43
Foecking, Brian	0.53	1.00	1.18	1.02
Guarda, Waldyr	0.53	0.84	1.04	0.84
Hurst, Kevin R.	0.73	0.99	1.01	1.28
King, Jennifer	1.00	1.07	1.10	1.07
Langford, Mike	0.63	0.78	0.95	0.92
Lonsway, Chris	0.71	1.00	1.15	1.26
Lopez, Frank	0.53	0.79	1.01	0.96
Lowsky, John	0.90	1.23	1.20	1.11
Parvaz, Ibrar	1.20	1.52	1.29	1.71
Potocar, William P	0.98	1.39	1.51	1.47
Reese, Kyle	0.44	0.65	1.30	1.09
Rodriguez, Jesus (Jesse)	0.72	0.69	1.38	0.79
Sanchez, Arthur	0.78	0.87	0.92	1.06
Veiga, Victor	0.58	0.90	0.78	0.88
Viera, Ralph B.	0.64	1.02	1.05	0.99
MAXIMUM	1.20	1.52	1.51	1.71
MINIMUM	0.44	0.65	0.78	0.67
RANGE(MAX-MIN)	0.760	0.870	0.730	1.040
MEAN	0.732	0.978	1.122	1.101
STANDARD DEVIATION	0.191	0.229	0.188	0.248
N SIZE	20.000			

Part ID= E1-4 - CAL. SEQ V PISTONS

E1-4 YI Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	P1MERI	P2MERI	P3MERI	P4MERI
Avis, Steven	-0.01	-0.65	-0.11	0.60
Barrera, Tony	0.46	0.49	0.42	0.12
Castillo, George	0.72	0.75	1.16	-0.04
Clare, Jamie	-0.95	-1.26	-1.71	-1.74
DeCapite, Vanessa	0.15	0.32	-0.01	1.33
Foecking, Brian	-1.05	0.10	0.31	-0.33
Guarda, Waldyr	-1.05	-0.60	-0.43	-1.05
Hurst, Kevin R.	-0.01	0.05	-0.59	0.72
King, Jennifer	1.41	0.40	-0.11	-0.12
Langford, Mike	-0.53	-0.86	-0.91	-0.73
Lonsway, Chris	-0.11	0.10	0.15	0.64
Lopez, Frank	-1.05	-0.82	-0.59	-0.57
Lowsky, John	0.88	1.10	0.42	0.04
Parvaz, Ibrar	2.45	2.37	0.90	2.45
Potocar, William P	1.30	1.80	2.07	1.49
Reese, Kyle	-1.53	-1.43	0.95	-0.04
Rodriguez, Jesus (Jesse)	-0.06	-1.26	1.38	-1.25
Sanchez, Arthur	0.25	-0.47	-1.07	-0.17
Veiga, Victor	-0.79	-0.34	-1.82	-0.89
Viera, Ralph B.	-0.48	0.19	-0.38	-0.45
MAXIMUM	2.45	2.37	2.07	2.45
MINIMUM	-0.01	0.05	-0.01	0.04
RANGE(MAX-MIN)	2.459	2.319	2.077	2.418
MEAN	0.000	0.000	0.000	0.000
STANDARD DEVIATION	1.000	1.000	1.000	1.000
N SIZE	20.000			

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Part ID= F1-4 - CAL. SEQ V PISTONS

Rated Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	P1MERI	P2MERI	P3MERI	P4MERI
Aguirre, Nancy P	1.13	1.23	1.08	1.29
Cales, Jonathon	0.81	0.78	1.12	1.52
Castillo, George	1.30	1.43	1.95	1.70
DeCapite, Vanessa	1.20	1.44	1.69	1.95
Escobar, Wilmar	0.70	0.89	1.34	1.12
Foecking, Brian	0.92	0.98	1.58	1.55
Goulais, Ed	1.10	2.55	2.00	1.60
Guarda, Waldyr	0.77	0.99	1.30	1.56
Hodgson, Joshua	0.69	0.85	1.08	1.37
King, Jennifer	1.12	1.06	1.23	1.24
Kraemer, Vernon	1.40	1.45	1.69	1.66
Langford, Mike	0.83	0.96	1.07	1.37
Lonsway, Chris	1.43	1.55	1.77	2.22
Lopez, Frank	0.97	0.94	1.74	1.93
May, Marianne	0.90	1.12	1.47	1.82
Potocar, William P	1.27	1.09	1.00	1.13
Richards, Craig	0.80	1.21	2.33	1.94
Seiz, Ray	1.46	1.65	2.38	1.86
Veiga, Victor	0.92	1.10	1.29	1.44
Zalewski, John	0.98	1.21	1.30	1.53
MAXIMUM	1.46	2.55	2.38	2.22
MINIMUM	0.69	0.78	1.00	1.12
RANGE(MAX-MIN)	0.770	1.770	1.380	1.100
MEAN	1.035	1.224	1.521	1.590
STANDARD DEVIATION	0.245	0.395	0.415	0.298
N SIZE	20.000			

Part ID= F1-4 - CAL. SEQ V PISTONS

F1-4 YI Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	P1MERI	P2MERI	P3MERI	P4MERI
Aguirre, Nancy P	0.39	0.02	-1.06	-1.01
Cales, Jonathon	-0.92	-1.12	-0.97	-0.24
Castillo, George	1.08	0.52	1.04	0.37
DeCapite, Vanessa	0.67	0.55	0.41	1.21
Escobar, Wilmar	-1.37	-0.84	-0.44	-1.58
Foecking, Brian	-0.47	-0.62	0.14	-0.13
Goulais, Ed	0.26	3.35	1.16	0.03
Guarda, Waldyr	-1.08	-0.59	-0.53	-0.10
Hodgson, Joshua	-1.41	-0.95	-1.06	-0.74
King, Jennifer	0.35	-0.41	-0.70	-1.18
Kraemer, Vernon	1.49	0.57	0.41	0.24
Langford, Mike	-0.84	-0.67	-1.09	-0.74
Lonsway, Chris	1.61	0.82	0.60	2.12
Lopez, Frank	-0.26	-0.72	0.53	1.14
May, Marianne	-0.55	-0.26	-0.12	0.77
Potocar, William P	0.96	-0.34	-1.25	-1.55
Richards, Craig	-0.96	-0.04	1.95	1.18
Seiz, Ray	1.73	1.08	2.07	0.91
Veiga, Victor	-0.47	-0.31	-0.56	-0.50
Zalewski, John	-0.22	-0.04	-0.53	-0.20
MAXIMUM	1.73	3.35	2.07	2.12
MINIMUM	-0.22	0.02	-0.12	0.03
RANGE(MAX-MIN)	1.956	3.338	2.193	2.083
MEAN	0.000	0.000	0.000	0.000
STANDARD DEVIATION	1.000	1.000	1.000	1.000
N SIZE	20.000			

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Part ID= F1-4 - CAL. SEQ V PISTONS

Rated Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	P1MERI	P2MERI	P3MERI	P4MERI
Aguirre, Nancy P	1.13	1.23	1.08	1.29
Cales, Jonathon	0.81	0.78	1.12	1.52
Castillo, George	1.30	1.43	1.95	1.70
DeCapite, Vanessa	1.20	1.44	1.69	1.95
Escobar, Wilmar	0.70	0.89	1.34	1.12
Foecking, Brian	0.92	0.98	1.58	1.55
Guarda, Waldyr	0.77	0.99	1.30	1.56
Hodgson, Joshua	0.69	0.85	1.08	1.37
King, Jennifer	1.12	1.06	1.23	1.24
Kraemer, Vernon	1.40	1.45	1.69	1.66
Langford, Mike	0.83	0.96	1.07	1.37
Lonsway, Chris	1.43	1.55	1.77	2.22
Lopez, Frank	0.97	0.94	1.74	1.93
May, Marianne	0.90	1.12	1.47	1.82
Potocar, William P	1.27	1.09	1.00	1.13
Richards, Craig	0.80	1.21	2.33	1.94
Seiz, Ray	1.46	1.65	2.38	1.86
Veiga, Víctor	0.92	1.10	1.29	1.44
Zalewski, John	0.98	1.21	1.30	1.53
MAXIMUM	1.46	1.65	2.38	2.22
MINIMUM	0.69	0.78	1.00	1.12
RANGE(MAX-MIN)	0.770	0.870	1.380	1.100
MEAN	1.032	1.154	1.495	1.589
STANDARD DEVIATION	0.252	0.249	0.410	0.306
N SIZE	19.000			

Part ID= F1-4 - CAL. SEQ V PISTONS

F1-4 YI Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	P1MERI	P2MERI	P3MERI	P4MERI
Aguirre, Nancy P	0.39	0.30	-1.01	-0.98
Cales, Jonathon	-0.88	-1.50	-0.91	-0.23
Castillo, George	1.07	1.11	1.11	0.36
DeCapite, Vanessa	0.67	1.15	0.47	1.18
Escobar, Wilmar	-1.32	-1.06	-0.38	-1.54
Foecking, Brian	-0.44	-0.70	0.21	-0.13
Guarda, Waldyr	-1.04	-0.66	-0.48	-0.10
Hodgson, Joshua	-1.36	-1.22	-1.01	-0.72
King, Jennifer	0.35	-0.38	-0.65	-1.14
Kraemer, Vernon	1.46	1.19	0.47	0.23
Langford, Mike	-0.80	-0.78	-1.04	-0.72
Lonsway, Chris	1.58	1.59	0.67	2.06
Lopez, Frank	-0.24	-0.86	0.60	1.11
May, Marianne	-0.52	-0.14	-0.06	0.75
Potocar, William P	0.95	-0.26	-1.21	-1.50
Richards, Craig	-0.92	0.22	2.03	1.15
Seiz, Ray	1.70	1.99	2.16	0.88
Veiga, Víctor	-0.44	-0.22	-0.50	-0.49
Zalewski, John	-0.21	0.22	-0.48	-0.19
MAXIMUM	1.70	1.99	2.16	2.06
MINIMUM	-0.21	-0.14	-0.06	-0.10
RANGE(MAX-MIN)	1.908	2.125	2.218	2.159
MEAN	0.000	0.000	0.000	0.000
STANDARD DEVIATION	1.000	1.000	1.000	1.000
N SIZE	19.000			

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Part ID= G1-4 - CAL. SEQ V PISTONS

Rated Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	P1MERI	P2MERI	P3MERI	P4MERI
Aguirre, Nancy P	0.84	1.10	1.22	1.29
Barrera, Tony	1.18	1.31	1.77	1.73
Cales, Jonathon	0.77	1.00	1.28	1.34
Clare, Jamie	1.17	1.45	1.68	2.53
Cumberworth, Lee	0.89	1.26	1.42	1.38
Escobar, Wilmar	0.45	0.98	0.87	0.86
Goulais, Ed	1.00	1.05	1.25	2.65
Hurst, Kevin R.	0.95	1.30	1.52	1.41
Kraemer, Vernon	1.55	1.61	1.45	1.83
Lowsky, John	0.75	1.05	1.33	1.37
May, Marianne	0.76	1.12	1.57	1.82
Parvaz, Ibrar	1.52	1.92	2.42	2.22
Reese, Kyle	1.24	4.25	2.57	3.80
Richards, Craig	1.27	1.28	1.82	2.71
Rodriguez, Jesus (Jesse)	1.09	1.09	1.77	1.93
Sanchez, Arthur	0.67	1.02	1.68	1.41
Seiz, Ray	0.99	1.18	1.69	2.07
Viera, Ralph B.	0.98	1.01	1.35	1.60
Zalewski, John	1.00	0.99	1.47	1.31
MAXIMUM	1.55	4.25	2.57	3.80
MINIMUM	0.45	0.98	0.87	0.86
RANGE(MAX-MIN)	1.100	3.270	1.700	2.940
MEAN	1.004	1.367	1.586	1.856
STANDARD DEVIATION	0.279	0.739	0.398	0.691
N SIZE	19.000			

Part ID= G1-4 - CAL. SEQ V PISTONS

G1-4 YI Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	P1MERI	P2MERI	P3MERI	P4MERI
Aguirre, Nancy P	-0.59	-0.36	-0.92	-0.82
Barrera, Tony	0.63	-0.08	0.46	-0.18
Cales, Jonathon	-0.84	-0.50	-0.77	-0.75
Clare, Jamie	0.60	0.11	0.24	0.98
Cumberworth, Lee	-0.41	-0.14	-0.42	-0.69
Escobar, Wilmar	-1.99	-0.52	-1.80	-1.44
Goulais, Ed	-0.01	-0.43	-0.84	1.15
Hurst, Kevin R.	-0.19	-0.09	-0.17	-0.65
Kraemer, Vernon	1.96	0.33	-0.34	-0.04
Lowsky, John	-0.91	-0.43	-0.64	-0.70
May, Marianne	-0.87	-0.33	-0.04	-0.05
Parvaz, Ibrar	1.85	0.75	2.10	0.53
Reese, Kyle	0.85	3.90	2.47	2.81
Richards, Craig	0.96	-0.12	0.59	1.24
Rodriguez, Jesus (Jesse)	0.31	-0.37	0.46	0.11
Sanchez, Arthur	-1.20	-0.47	0.24	-0.65
Seiz, Ray	-0.05	-0.25	0.26	0.31
Viera, Ralph B.	-0.09	-0.48	-0.59	-0.37
Zalewski, John	-0.01	-0.51	-0.29	-0.79
MAXIMUM	-1.99	3.90	2.47	2.81
MINIMUM	-0.01	-0.08	-0.04	-0.04
RANGE(MAX-MIN)	-1.974	3.978	2.512	2.850
MEAN	0.000	0.000	0.000	0.000
STANDARD DEVIATION	1.000	1.000	1.000	1.000
N SIZE	19.000			

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Part ID= G1-4 - CAL. SEQ V PISTONS

Rated Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	P1MERI	P2MERI	P3MERI	P4MERI
Aguirre, Nancy P	0.84	1.10	1.22	1.29
Barrera, Tony	1.18	1.31	1.77	1.73
Cales, Jonathon	0.77	1.00	1.28	1.34
Clare, Jamie	1.17	1.45	1.68	2.53
Cumberworth, Lee	0.89	1.26	1.42	1.38
Escobar, Wilmar	0.45	0.98	0.87	0.86
Goulais, Ed	1.00	1.05	1.25	2.65
Hurst, Kevin R.	0.95	1.30	1.52	1.41
Kraemer, Vernon	1.55	1.61	1.45	1.83
Lowsky, John	0.75	1.05	1.33	1.37
May, Marianne	0.76	1.12	1.57	1.82
Parvaz, Ibrar	1.52	1.92	2.42	2.22
Richards, Craig	1.27	1.28	1.82	2.71
Rodriguez, Jesus (Jesse)	1.09	1.09	1.77	1.93
Sanchez, Arthur	0.67	1.02	1.68	1.41
Seiz, Ray	0.99	1.18	1.69	2.07
Viera, Ralph B.	0.98	1.01	1.35	1.60
Zalewski, John	1.00	0.99	1.47	1.31
MAXIMUM	1.55	1.92	2.42	2.71
MINIMUM	0.45	0.98	0.87	0.86
RANGE(MAX-MIN)	1.100	0.940	1.550	1.850
MEAN	0.991	1.207	1.531	1.748
STANDARD DEVIATION	0.281	0.249	0.328	0.521
N SIZE	18.000			

Part ID= G1-4 - CAL. SEQ V PISTONS

G1-4 Yi Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	P1MERI	P2MERI	P3MERI	P4MERI
Aguirre, Nancy P	-0.54	-0.43	-0.95	-0.88
Barrera, Tony	0.68	0.41	0.73	-0.03
Cales, Jonathon	-0.79	-0.83	-0.77	-0.78
Clare, Jamie	0.64	0.98	0.45	1.50
Cumberworth, Lee	-0.36	0.21	-0.34	-0.71
Escobar, Wilmar	-1.93	-0.91	-2.01	-1.71
Goulais, Ed	0.03	-0.63	-0.86	1.73
Hurst, Kevin R.	-0.14	0.37	-0.03	-0.65
Kraemer, Vernon	1.99	1.62	-0.25	0.16
Lowsky, John	-0.86	-0.63	-0.61	-0.73
May, Marianne	-0.82	-0.35	0.12	0.14
Parvaz, Ibrar	1.89	2.86	2.71	0.91
Richards, Craig	1.00	0.29	0.88	1.85
Rodriguez, Jesus (Jesse)	0.35	-0.47	0.73	0.35
Sanchez, Arthur	-1.14	-0.75	0.45	-0.65
Seiz, Ray	0.00	-0.11	0.48	0.62
Viera, Ralph B.	-0.04	-0.79	-0.55	-0.28
Zalewski, John	0.03	-0.87	-0.19	-0.84
MAXIMUM	1.99	2.86	2.71	1.85
MINIMUM	0.00	-0.11	-0.03	-0.03
RANGE(MAX-MIN)	1.996	2.970	2.743	1.882
MEAN	0.000	0.000	0.000	0.000
STANDARD DEVIATION	1.000	1.000	1.000	1.000
N SIZE	18.000			

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Part ID= J1-6 - C13 2ND RING CARBON

Rated Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	R1DEME	R2DEME	R3DEME	R4DEME	R5DEME	R6DEME
Barrera, Tony	10.00	12.00	38.00	29.00	16.00	39.00
Castillo, George	12.00	10.00	44.00	56.00	19.00	66.00
DeCapite, Vanessa	14.00	11.00	29.00	24.00	16.00	24.00
Foecking, Brian	12.00	11.00	46.00	35.00	20.00	46.00
Guarda, Waldyr	12.00	16.00	46.00	46.00	20.00	52.00
Hill, Howard P.	22.00	19.00	40.00	45.00	19.00	59.00
King, Jennifer	11.00	10.00	42.00	33.00	26.00	44.00
Kobrinetz, Joaquin J.	10.00	10.00	38.00	30.00	14.00	37.00
Kraemer, Vernon	10.00	13.00	32.00	28.00	13.00	40.00
Lonsway, Chris	14.00	14.00	50.00	36.00	23.00	42.00
May, Marianne	14.00	12.00	37.00	26.00	14.00	38.00
Potocar, William P	16.00	12.00	51.00	36.00	36.00	68.00
Seiz, Ray	15.00	12.00	46.00	54.00	30.00	50.00
Trevino, Bobby	12.00	11.00	44.00	40.00	26.00	46.00
Viera, Ralph B.	13.00	14.00	33.00	27.00	18.00	43.00
MAXIMUM	22.00	19.00	51.00	56.00	36.00	68.00
MINIMUM	10.00	10.00	29.00	24.00	13.00	24.00
RANGE(MAX-MIN)	12.000	9.000	22.000	32.000	23.000	44.000
MEAN	13.133	12.467	41.067	36.333	20.667	46.267
STANDARD DEVIATION	3.067	2.475	6.541	10.012	6.488	11.486
N SIZE	15.000					

Part ID= J1-6 - C13 2ND RING CARBON

J1-6 YI Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	R1DEME	R2DEME	R3DEME	R4DEME	R5DEME	R6DEME
Barrera, Tony	-1.02	-0.19	-0.47	-0.73	-0.72	-0.63
Castillo, George	-0.37	-1.00	0.45	1.96	-0.26	1.72
DeCapite, Vanessa	0.28	-0.59	-1.84	-1.23	-0.72	-1.94
Foecking, Brian	-0.37	-0.59	0.75	-0.13	-0.10	-0.02
Guarda, Waldyr	-0.37	1.43	0.75	0.97	-0.10	0.50
Hill, Howard P.	2.89	2.64	-0.16	0.87	-0.26	1.11
King, Jennifer	-0.70	-1.00	0.14	-0.33	0.82	-0.20
Kobrinetz, Joaquin J.	-1.02	-1.00	-0.47	-0.63	-1.03	-0.81
Kraemer, Vernon	-1.02	0.22	-1.39	-0.83	-1.18	-0.55
Lonsway, Chris	0.28	0.62	1.37	-0.03	0.36	-0.37
May, Marianne	0.28	-0.19	-0.62	-1.03	-1.03	-0.72
Potocar, William P	0.93	-0.19	1.52	-0.03	2.36	1.89
Seiz, Ray	0.61	-0.19	0.75	1.76	1.44	0.33
Trevino, Bobby	-0.37	-0.59	0.45	0.37	0.82	-0.02
Viera, Ralph B.	-0.04	0.62	-1.23	-0.93	-0.41	-0.28
MAXIMUM	2.89	2.64	-1.84	1.96	2.36	-1.94
MINIMUM	-0.04	-0.19	0.14	-0.03	-0.10	-0.02
RANGE(MAX-MIN)	2.934	2.829	-1.988	1.998	2.466	-1.915
MEAN	0.000	0.000	0.000	0.000	0.000	0.000
STANDARD DEVIATION	1.000	1.000	1.000	1.000	1.000	1.000
N SIZE	15.000					

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Part ID= CAL-N - CAL DV4 PISTON

Rated Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT
Avis, Steven	28.75	37.01	0.55	56.50	21.03
Barrera, Tony	29.50	40.51	0.34	54.82	23.52
Cales, Jonathon	30.47	29.17	0.10	52.00	22.42
Castillo, George	25.75	45.50	1.81	96.25	21.31
Clare, Jamie	34.00	42.53	0.16	47.50	26.35
Cumberworth, Lee	29.37	31.09	0.07	41.26	21.34
DeCapite, Vanessa	32.50	43.27	0.02	41.50	20.18
Ellis, Paul	43.75	88.75	0.10	73.75	25.00
Foecking, Brian	32.50	44.00	0.04	58.00	20.85
Goulais, Ed	51.25	100.00	25.00	100.00	85.00
Guarda, Waldyr	46.75	56.50	1.14	61.02	38.80
Hill, Howard P.	42.46	27.96	0.42	49.00	19.89
Hodgson, Joshua	38.74	48.99	0.13	77.50	19.24
Hurst, Kevin R.	32.50	37.26	1.48	61.00	21.43
King, Jennifer	28.24	97.75	0.30	54.02	36.32
Kobrinetz, Joaquin J.	30.41	40.81	0.17	59.50	20.90
Kraemer, Vernon	21.46	41.50	42.51	68.50	36.88
Langford, Mike	31.75	43.24	0.44	49.75	19.91
Lonsway, Chris	28.96	47.50	0.38	40.75	19.61
Lopez, Frank	28.00	44.77	0.25	63.25	20.61
Lowsky, John	32.52	43.02	1.31	46.75	20.06
Mueller, Stefan	34.24	72.58	96.04	25.00	37.50
Parvaz, Ibrar	32.76	49.51	0.50	63.25	21.95
Potocar, William P	27.56	40.00	0.11	32.50	21.81
Reese, Kyle	32.50	43.75	0.32	70.00	13.97
Richards, Craig	36.25	43.75	0.20	55.00	42.56
Rodriguez, Jesus (Jesse)	28.00	40.78	0.51	55.00	21.40
Sanchez, Arthur	31.00	39.51	0.12	47.50	20.85
Seiz, Ray	29.55	42.75	0.02	63.25	20.59
Stremlow, Mike	31.53	43.00	42.25	59.50	18.89
Veiga, Victor	28.75	41.00	0.60	42.25	21.28
Viera, Ralph B.	29.50	32.93	1.04	37.21	21.60
Zalewski, John	32.77	46.00	0.14	70.00	20.63
MAXIMUM	51.25	100.00	96.04	100.00	85.00
MINIMUM	21.46	27.96	0.02	25.00	13.97
RANGE(MAX-MIN)	29.790	72.040	96.020	75.000	71.030
MEAN	32.547	47.475	6.623	56.760	25.566
STANDARD DEVIATION	6.069	17.346	19.369	15.965	12.584
N SIZE	33.000				

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Part ID= CAL-N - CAL DV4 PISTON

CAL-N Yi Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT
Avis, Steven	-0.63	-0.60	-0.31	-0.02	-0.36
Barrera, Tony	-0.50	-0.40	-0.32	-0.12	-0.16
Cales, Jonathon	-0.34	-1.06	-0.34	-0.30	-0.25
Castillo, George	-1.12	-0.11	-0.25	2.47	-0.34
Clare, Jamie	0.24	-0.29	-0.33	-0.58	0.06
Cumberworth, Lee	-0.52	-0.94	-0.34	-0.97	-0.34
DeCapite, Vanessa	-0.01	-0.24	-0.34	-0.96	-0.43
Ellis, Paul	1.85	2.38	-0.34	1.06	-0.05
Foecking, Brian	-0.01	-0.20	-0.34	0.08	-0.37
Goulais, Ed	3.08	3.03	0.95	2.71	4.72
Guarda, Waldyr	2.34	0.52	-0.28	0.27	1.05
Hill, Howard P.	1.63	-1.13	-0.32	-0.49	-0.45
Hodgson, Joshua	1.02	0.09	-0.34	1.30	-0.50
Hurst, Kevin R.	-0.01	-0.59	-0.27	0.27	-0.33
King, Jennifer	-0.71	2.90	-0.33	-0.17	0.85
Kobrinetz, Joaquin J.	-0.35	-0.38	-0.33	0.17	-0.37
Kraemer, Vernon	-1.83	-0.34	1.85	0.74	0.90
Langford, Mike	-0.13	-0.24	-0.32	-0.44	-0.45
Lonsway, Chris	-0.59	0.00	-0.32	-1.00	-0.47
Lopez, Frank	-0.75	-0.16	-0.33	0.41	-0.39
Lowsky, John	0.00	-0.26	-0.27	-0.63	-0.44
Mueller, Stefan	0.28	1.45	4.62	-1.99	0.95
Parvaz, Ibrar	0.04	0.12	-0.32	0.41	-0.29
Potocar, William P	-0.82	-0.43	-0.34	-1.52	-0.30
Reese, Kyle	-0.01	-0.21	-0.33	0.83	-0.92
Richards, Craig	0.61	-0.21	-0.33	-0.11	1.35
Rodriguez, Jesus (Jesse)	-0.75	-0.39	-0.32	-0.11	-0.33
Sanchez, Arthur	-0.25	-0.46	-0.34	-0.58	-0.37
Seiz, Ray	-0.49	-0.27	-0.34	0.41	-0.40
Stremlow, Mike	-0.17	-0.26	1.84	0.17	-0.53
Veiga, Victor	-0.63	-0.37	-0.31	-0.91	-0.34
Viera, Ralph B.	-0.50	-0.84	-0.29	-1.22	-0.32
Zalewski, John	0.04	-0.09	-0.33	0.83	-0.39
MAXIMUM	3.08	3.03	4.62	2.71	4.72
MINIMUM	0.00	0.00	-0.25	-0.02	-0.05
RANGE(MAX-MIN)	3.086	3.027	4.865	2.725	4.768
MEAN	0.000	0.000	0.000	0.000	0.000
STANDARD DEVIATION	1.000	1.000	1.000	1.000	1.000
N SIZE	33.000				

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Part ID= CAL-N - CAL DV4 PISTON

Rated Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT
Avis, Steven	28.75	37.01	0.55	56.50	21.03
Barrera, Tony	29.50	40.51	0.34	54.82	23.52
Cales, Jonathon	30.47	29.17	0.10	52.00	22.42
Castillo, George	25.75	45.50	1.81	96.25	21.31
Clare, Jamie	34.00	42.53	0.16	47.50	26.35
Cumberworth, Lee	29.37	31.09	0.07	41.26	21.34
DeCapite, Vanessa	32.50	43.27	0.02	41.50	20.18
Ellis, Paul	43.75	88.75	0.10	73.75	25.00
Foecking, Brian	32.50	44.00	0.04	58.00	20.85
Guarda, Waldyr	46.75	56.50	1.14	61.02	38.80
Hill, Howard P.	42.46	27.96	0.42	49.00	19.89
Hodgson, Joshua	38.74	48.99	0.13	77.50	19.24
Hurst, Kevin R.	32.50	37.26	1.48	61.00	21.43
King, Jennifer	28.24	97.75	0.30	54.02	36.32
Kobrinetz, Joaquin J.	30.41	40.81	0.17	59.50	20.90
Kraemer, Vernon	21.46	41.50	42.51	68.50	36.88
Langford, Mike	31.75	43.24	0.44	49.75	19.91
Lonsway, Chris	28.96	47.50	0.38	40.75	19.61
Lopez, Frank	28.00	44.77	0.25	63.25	20.61
Lowsky, John	32.52	43.02	1.31	46.75	20.06
Parvaz, Ibrar	32.76	49.51	0.50	63.25	21.95
Potocar, William P	27.56	40.00	0.11	32.50	21.81
Reese, Kyle	32.50	43.75	0.32	70.00	13.97
Richards, Craig	36.25	43.75	0.20	55.00	42.56
Rodriguez, Jesus (Jesse)	28.00	40.78	0.51	55.00	21.40
Sanchez, Arthur	31.00	39.51	0.12	47.50	20.85
Seiz, Ray	29.55	42.75	0.02	63.25	20.59
Stremlow, Mike	31.53	43.00	42.25	59.50	18.89
Veiga, Victor	28.75	41.00	0.60	42.25	21.28
Viera, Ralph B.	29.50	32.93	1.04	37.21	21.60
Zalewski, John	32.77	46.00	0.14	70.00	20.63
MAXIMUM	46.75	97.75	42.51	96.25	42.56
MINIMUM	21.46	27.96	0.02	32.50	13.97
RANGE(MAX-MIN)	25.290	69.790	42.490	63.750	28.590
MEAN	31.889	44.971	3.146	56.390	23.264
STANDARD DEVIATION	5.204	14.195	10.484	13.258	6.399
N SIZE	31.000				

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Part ID= CAL-N - CAL DV4 PISTON

CAL-N Yi Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT
Avis, Steven	-0.60	-0.56	-0.25	0.01	-0.35
Barrera, Tony	-0.46	-0.31	-0.27	-0.12	0.04
Cales, Jonathon	-0.27	-1.11	-0.29	-0.33	-0.13
Castillo, George	-1.18	0.04	-0.13	3.01	-0.31
Clare, Jamie	0.41	-0.17	-0.28	-0.67	0.48
Cumberworth, Lee	-0.48	-0.98	-0.29	-1.14	-0.30
DeCapite, Vanessa	0.12	-0.12	-0.30	-1.12	-0.48
Ellis, Paul	2.28	3.08	-0.29	1.31	0.27
Foecking, Brian	0.12	-0.07	-0.30	0.12	-0.38
Guarda, Waldyr	2.86	0.81	-0.19	0.35	2.43
Hill, Howard P.	2.03	-1.20	-0.26	-0.56	-0.53
Hodgson, Joshua	1.32	0.28	-0.29	1.59	-0.63
Hurst, Kevin R.	0.12	-0.54	-0.16	0.35	-0.29
King, Jennifer	-0.70	3.72	-0.27	-0.18	2.04
Kobrinetz, Joaquin J.	-0.28	-0.29	-0.28	0.23	-0.37
Kraemer, Vernon	-2.00	-0.24	3.75	0.91	2.13
Langford, Mike	-0.03	-0.12	-0.26	-0.50	-0.52
Lonsway, Chris	-0.56	0.18	-0.26	-1.18	-0.57
Lopez, Frank	-0.75	-0.01	-0.28	0.52	-0.41
Lowsky, John	0.12	-0.14	-0.18	-0.73	-0.50
Parvaz, Ibrar	0.17	0.32	-0.25	0.52	-0.21
Potocar, William P	-0.83	-0.35	-0.29	-1.80	-0.23
Reese, Kyle	0.12	-0.09	-0.27	1.03	-1.45
Richards, Craig	0.84	-0.09	-0.28	-0.10	3.02
Rodriguez, Jesus (Jesse)	-0.75	-0.30	-0.25	-0.10	-0.29
Sanchez, Arthur	-0.17	-0.38	-0.29	-0.67	-0.38
Seiz, Ray	-0.45	-0.16	-0.30	0.52	-0.42
Stremlow, Mike	-0.07	-0.14	3.73	0.23	-0.68
Veiga, Victor	-0.60	-0.28	-0.24	-1.07	-0.31
Viera, Ralph B.	-0.46	-0.85	-0.20	-1.45	-0.26
Zalewski, John	0.17	0.07	-0.29	1.03	-0.41
MAXIMUM	2.86	3.72	3.75	3.01	3.02
MINIMUM	-0.03	-0.01	-0.13	0.01	0.04
RANGE(MAX-MIN)	2.882	3.732	3.882	2.998	2.975
MEAN	0.000	0.000	0.000	0.000	0.000
STANDARD DEVIATION	1.000	1.000	1.000	1.000	1.000
N SIZE	31.000				

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Part ID= CAL-W - CAL FIELD PISTON

Rated Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	FRTOT	RRTOT
Avis, Steven	55.75	32.77	11.35	30.67	22.17	4.05	4.93
Barrera, Tony	50.26	28.08	11.74	24.21	21.60	4.30	4.31
Cales, Jonathon	52.51	24.48	11.46	24.99	23.52	5.06	4.33
Castillo, George	58.75	24.56	10.06	20.09	22.77	4.37	4.82
Clare, Jamie	24.75	22.64	12.12	17.05	20.38	4.40	4.73
DeCapite, Vanessa	54.76	27.81	11.83	20.72	21.61	4.21	4.51
Foecking, Brian	36.25	31.77	12.85	21.12	23.62	3.66	3.12
Goulais, Ed	100.00	96.25	47.50	40.00	36.25	5.10	4.40
Guarda, Waldyr	39.02	34.52	14.17	32.43	22.99	4.57	4.81
Hill, Howard P.	39.53	29.83	11.20	24.45	16.01	4.83	4.50
Hurst, Kevin R.	53.50	23.78	14.90	19.27	21.55	5.06	4.86
King, Jennifer	41.02	26.53	12.93	24.75	20.20	8.10	4.62
Kraemer, Vernon	65.15	23.90	14.15	44.95	62.61	2.73	2.57
Langford, Mike	37.00	32.95	9.91	18.85	32.72	4.15	3.80
Lopez, Frank	60.51	30.53	10.07	23.47	20.92	4.30	3.47
Lowsky, John	58.75	24.26	11.30	19.10	21.54	3.66	3.96
Mueller, Stefan	98.04	95.12	11.80	75.05	20.65	4.80	3.85
Parvaz, Ibrar	63.77	33.60	11.27	34.84	21.07	4.80	5.00
Potocar, William P	47.50	25.00	12.59	20.06	22.76	4.90	4.50
Reese, Kyle	65.50	29.50	8.08	25.75	25.75	4.70	4.95
Rodriguez, Jesus (Jesse)	47.50	25.00	12.54	19.85	23.44	4.72	4.51
Sanchez, Arthur	58.75	25.00	11.56	23.51	23.51	3.48	4.01
Seiz, Ray	91.02	24.27	11.84	59.10	71.20	4.64	3.97
Stremlow, Mike	43.75	25.00	10.55	18.75	22.34	4.27	4.75
Veiga, Victor	54.25	30.34	12.81	19.90	22.68	4.39	3.98
Viera, Ralph B.	58.52	26.55	11.92	21.52	22.11	3.81	3.61
Zalewski, John	61.26	23.53	15.67	18.22	20.63	4.45	4.21
MAXIMUM	100.00	96.25	47.50	75.05	71.20	8.10	5.00
MINIMUM	24.75	22.64	8.08	17.05	16.01	2.73	2.57
RANGE(MAX-MIN)	75.250	73.610	39.420	58.000	55.190	5.370	2.430
MEAN	56.199	32.503	13.266	27.506	26.170	4.500	4.262
STANDARD DEVIATION	17.653	18.548	7.025	13.462	12.392	0.902	0.595
N SIZE	27.000						

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Part ID= CAL-W - CAL FIELD PISTON

CAL-W Yi Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	FRTOT	RRTOT
Avis, Steven	-0.03	0.01	-0.27	0.24	-0.32	-0.50	1.12
Barrera, Tony	-0.34	-0.24	-0.22	-0.24	-0.37	-0.22	0.08
Cales, Jonathon	-0.21	-0.43	-0.26	-0.19	-0.21	0.62	0.11
Castillo, George	0.14	-0.43	-0.46	-0.55	-0.27	-0.14	0.94
Clare, Jamie	-1.78	-0.53	-0.16	-0.78	-0.47	-0.11	0.79
DeCapite, Vanessa	-0.08	-0.25	-0.20	-0.50	-0.37	-0.32	0.42
Foecking, Brian	-1.13	-0.04	-0.06	-0.47	-0.21	-0.93	-1.92
Goulais, Ed	2.48	3.44	4.87	0.93	0.81	0.66	0.23
Guarda, Waldyr	-0.97	0.11	0.13	0.37	-0.26	0.08	0.92
Hill, Howard P.	-0.94	-0.14	-0.29	-0.23	-0.82	0.37	0.40
Hurst, Kevin R.	-0.15	-0.47	0.23	-0.61	-0.37	0.62	1.00
King, Jennifer	-0.86	-0.32	-0.05	-0.20	-0.48	3.99	0.60
Kraemer, Vernon	0.51	-0.46	0.13	1.30	2.94	-1.96	-2.84
Langford, Mike	-1.09	0.02	-0.48	-0.64	0.53	-0.39	-0.78
Lopez, Frank	0.24	-0.11	-0.45	-0.30	-0.42	-0.22	-1.33
Lowsky, John	0.14	-0.44	-0.28	-0.62	-0.37	-0.93	-0.51
Mueller, Stefan	2.37	3.38	-0.21	3.53	-0.45	0.33	-0.69
Parvaz, Ibrar	0.43	0.06	-0.28	0.54	-0.41	0.33	1.24
Potocar, William P	-0.49	-0.40	-0.10	-0.55	-0.28	0.44	0.40
Reese, Kyle	0.53	-0.16	-0.74	-0.13	-0.03	0.22	1.16
Rodriguez, Jesus (Jesse)	-0.49	-0.40	-0.10	-0.57	-0.22	0.24	0.42
Sanchez, Arthur	0.14	-0.40	-0.24	-0.30	-0.21	-1.13	-0.42
Seiz, Ray	1.97	-0.44	-0.20	2.35	3.63	0.15	-0.49
Stremlow, Mike	-0.71	-0.40	-0.39	-0.65	-0.31	-0.26	0.82
Veiga, Victor	-0.11	-0.12	-0.06	-0.57	-0.28	-0.12	-0.47
Viera, Ralph B.	0.13	-0.32	-0.19	-0.44	-0.33	-0.77	-1.10
Zalewski, John	0.29	-0.48	0.34	-0.69	-0.45	-0.06	-0.09
MAXIMUM	2.48	3.44	4.87	3.53	3.63	3.99	-2.84
MINIMUM	-0.03	0.01	-0.05	-0.13	-0.03	-0.06	0.08
RANGE(MAX-MIN)	2.507	3.423	4.921	3.662	3.668	4.047	-2.924
MEAN	0.000	0.000	0.000	0.000	0.000	0.000	0.000
STANDARD DEVIATION	1.000	1.000	1.000	1.000	1.000	1.000	1.000
N SIZE	27.000						

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Part ID= CAL-W - CAL FIELD PISTON

Rated Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	FRTOT	RRTOT
Avis, Steven	55.75	32.77	11.35	30.67	22.17	4.05	4.93
Barrera, Tony	50.26	28.08	11.74	24.21	21.60	4.30	4.31
Cales, Jonathon	52.51	24.48	11.46	24.99	23.52	5.06	4.33
Castillo, George	58.75	24.56	10.06	20.09	22.77	4.37	4.82
Clare, Jamie	24.75	22.64	12.12	17.05	20.38	4.40	4.73
DeCapite, Vanessa	54.76	27.81	11.83	20.72	21.61	4.21	4.51
Foecking, Brian	36.25	31.77	12.85	21.12	23.62	3.66	3.12
Guarda, Waldyr	39.02	34.52	14.17	32.43	22.99	4.57	4.81
Hill, Howard P.	39.53	29.83	11.20	24.45	16.01	4.83	4.50
Hurst, Kevin R.	53.50	23.78	14.90	19.27	21.55	5.06	4.86
Kraemer, Vernon	65.15	23.90	14.15	44.95	62.61	2.73	2.57
Langford, Mike	37.00	32.95	9.91	18.85	32.72	4.15	3.80
Lopez, Frank	60.51	30.53	10.07	23.47	20.92	4.30	3.47
Lowsky, John	58.75	24.26	11.30	19.10	21.54	3.66	3.96
Parvaz, Ibrar	63.77	33.60	11.27	34.84	21.07	4.80	5.00
Potocar, William P	47.50	25.00	12.59	20.06	22.76	4.90	4.50
Reese, Kyle	65.50	29.50	8.08	25.75	25.75	4.70	4.95
Rodriguez, Jesus (Jesse)	47.50	25.00	12.54	19.85	23.44	4.72	4.51
Sanchez, Arthur	58.75	25.00	11.56	23.51	23.51	3.48	4.01
Stremlow, Mike	43.75	25.00	10.55	18.75	22.34	4.27	4.75
Veiga, Victor	54.25	30.34	12.81	19.90	22.68	4.39	3.98
Viera, Ralph B.	58.52	26.55	11.92	21.52	22.11	3.81	3.61
Zalewski, John	61.26	23.53	15.67	18.22	20.63	4.45	4.21
MAXIMUM	65.50	34.52	15.67	44.95	62.61	5.06	5.00
MINIMUM	24.75	22.64	8.08	17.05	16.01	2.73	2.57
RANGE(MAX-MIN)	40.750	11.880	7.590	27.900	46.600	2.330	2.430
MEAN	51.621	27.626	11.917	23.642	24.274	4.299	4.271
STANDARD DEVIATION	10.678	3.749	1.720	6.558	8.828	0.556	0.633
N SIZE	23.000						

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Part ID= CAL-W - CAL FIELD PISTON

CAL-W Yi Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	FRTOT	RRTOT
Avis, Steven	0.39	1.37	-0.33	1.07	-0.24	-0.45	1.04
Barrera, Tony	-0.13	0.12	-0.10	0.09	-0.30	0.00	0.06
Cales, Jonathon	0.08	-0.84	-0.27	0.21	-0.09	1.37	0.09
Castillo, George	0.67	-0.82	-1.08	-0.54	-0.17	0.13	0.87
Clare, Jamie	-2.52	-1.33	0.12	-1.01	-0.44	0.18	0.73
DeCapite, Vanessa	0.29	0.05	-0.05	-0.45	-0.30	-0.16	0.38
Foecking, Brian	-1.44	1.11	0.54	-0.38	-0.07	-1.15	-1.82
Guarda, Waldyr	-1.18	1.84	1.31	1.34	-0.15	0.49	0.85
Hill, Howard P.	-1.13	0.59	-0.42	0.12	-0.94	0.96	0.36
Hurst, Kevin R.	0.18	-1.03	1.73	-0.67	-0.31	1.37	0.93
Kraemer, Vernon	1.27	-0.99	1.30	3.25	4.34	-2.82	-2.69
Langford, Mike	-1.37	1.42	-1.17	-0.73	0.96	-0.27	-0.75
Lopez, Frank	0.83	0.77	-1.07	-0.03	-0.38	0.00	-1.27
Lowsky, John	0.67	-0.90	-0.36	-0.69	-0.31	-1.15	-0.49
Parvaz, Ibrar	1.14	1.59	-0.38	1.71	-0.36	0.90	1.15
Potocar, William P	-0.39	-0.70	0.39	-0.55	-0.17	1.08	0.36
Reese, Kyle	1.30	0.50	-2.23	0.32	0.17	0.72	1.07
Rodriguez, Jesus (Jesse)	-0.39	-0.70	0.36	-0.58	-0.09	0.76	0.38
Sanchez, Arthur	0.67	-0.70	-0.21	-0.02	-0.09	-1.47	-0.41
Stremlow, Mike	-0.74	-0.70	-0.80	-0.75	-0.22	-0.05	0.76
Veiga, Victor	0.25	0.72	0.52	-0.57	-0.18	0.16	-0.46
Viera, Ralph B.	0.65	-0.29	0.00	-0.32	-0.25	-0.88	-1.05
Zalewski, John	0.90	-1.09	2.18	-0.83	-0.41	0.27	-0.10
MAXIMUM	-2.52	1.84	-2.23	3.25	4.34	-2.82	-2.69
MINIMUM	0.08	0.05	0.00	-0.02	-0.07	0.00	0.06
RANGE(MAX-MIN)	-2.600	1.790	-2.233	3.270	4.417	-2.826	-2.751
MEAN	0.000	0.000	0.000	0.000	0.000	0.000	0.000
STANDARD DEVIATION	1.000	1.000	1.000	1.000	1.000	1.000	1.000
N SIZE	23.000						

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Part ID= VSCALL - CAL RC BFL SLUDGE L

Rated Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	TOTALS	
Aguirre, Nancy P	7.81	
Avis, Steven	8.27	
Barrera, Tony	7.31	
Cales, Jonathon	7.66	
Castillo, George	7.63	
Clare, Jamie	8.55	
Cumberworth, Lee	8.22	
DeCapite, Vanessa	8.35	
Foecking, Brian	8.35	
Goulais, Ed	7.61	
Guarda, Waldyr	7.91	
Hill, Howard P.	7.76	
Hurst, Kevin R.	8.32	
King, Jennifer	7.81	
Kobrinetz, Joaquin J.	8.27	
Kraemer, Vernon	8.24	
Langford, Mike	8.60	
Lonsway, Chris	8.36	
Lopez, Frank	8.27	
Lowsky, John	8.09	
May, Marianne	8.19	
Potocar, William P	8.43	
Rodriguez, Jesus (Jesse)	7.15	
Sanchez, Arthur	7.98	
Seiz, Ray	7.27	
Trevino, Bobby	7.82	
Veiga, Victor	7.82	
Viera, Ralph B.	7.55	
Zalewski, John	7.85	
MAXIMUM	8.60	
MINIMUM	7.15	
RANGE(MAX-MIN)	1.450	
MEAN	7.981	
STANDARD DEVIATION	0.389	
N SIZE	29.000	

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Part ID= VSCALL - CAL RC BFL SLUDGE L

VSCALL Yi Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	TOTALS	
Aguirre, Nancy P	-0.44	
Avis, Steven	0.74	
Barrera, Tony	-1.72	
Cales, Jonathon	-0.82	
Castillo, George	-0.90	
Clare, Jamie	1.46	
Cumberworth, Lee	0.61	
DeCapite, Vanessa	0.95	
Foecking, Brian	0.95	
Goulais, Ed	-0.95	
Guarda, Waldyr	-0.18	
Hill, Howard P.	-0.57	
Hurst, Kevin R.	0.87	
King, Jennifer	-0.44	
Kobrinetz, Joaquin J.	0.74	
Kraemer, Vernon	0.66	
Langford, Mike	1.59	
Lonsway, Chris	0.97	
Lopez, Frank	0.74	
Lowsky, John	0.28	
May, Marianne	0.54	
Potocar, William P	1.15	
Rodriguez, Jesus (Jesse)	-2.13	
Sanchez, Arthur	0.00	
Seiz, Ray	-1.83	
Trevino, Bobby	-0.41	
Veiga, Victor	-0.41	
Viera, Ralph B.	-1.11	
Zalewski, John	-0.34	
MAXIMUM	-2.13	
MINIMUM	0.00	
RANGE(MAX-MIN)	-2.131	
MEAN	0.000	
STANDARD DEVIATION	1.000	
N SIZE	29.000	

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Part ID= VSCALR - CAL RC BFL SLUDGE R

Rated Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	TOTALS	
Aguirre, Nancy P	7.87	
Avis, Steven	8.24	
Barrera, Tony	7.75	
Cales, Jonathon	7.69	
Castillo, George	7.72	
Clare, Jamie	8.27	
Cumberworth, Lee	8.73	
DeCapite, Vanessa	8.63	
Foecking, Brian	8.48	
Goulais, Ed	8.24	
Guarda, Waldyr	7.79	
Hill, Howard P.	7.37	
Hurst, Kevin R.	8.12	
King, Jennifer	7.85	
Kobrinetz, Joaquin J.	8.43	
Kraemer, Vernon	8.55	
Langford, Mike	8.35	
Lonsway, Chris	8.60	
Lopez, Frank	8.52	
Lowsky, John	8.27	
May, Marianne	8.52	
Potocar, William P	8.66	
Rodriguez, Jesus (Jesse)	7.82	
Sanchez, Arthur	8.05	
Seiz, Ray	7.69	
Trevino, Bobby	8.27	
Veiga, Victor	7.91	
Viera, Ralph B.	8.12	
Zalewski, John	7.66	
MAXIMUM	8.73	
MINIMUM	7.37	
RANGE(MAX-MIN)	1.360	
MEAN	8.144	
STANDARD DEVIATION	0.370	
N SIZE	29.000	

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Part ID= VSCALR - CAL RC BFL SLUDGE R

VSCALR Yi Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	TOTALS	
Aguirre, Nancy P	-0.74	
Avis, Steven	0.26	
Barrera, Tony	-1.06	
Cales, Jonathon	-1.23	
Castillo, George	-1.14	
Clare, Jamie	0.34	
Cumberworth, Lee	1.58	
DeCapite, Vanessa	1.31	
Foecking, Brian	0.91	
Goulais, Ed	0.26	
Guarda, Waldyr	-0.96	
Hill, Howard P.	-2.09	
Hurst, Kevin R.	-0.06	
King, Jennifer	-0.79	
Kobrinetz, Joaquin J.	0.77	
Kraemer, Vernon	1.10	
Langford, Mike	0.56	
Lonsway, Chris	1.23	
Lopez, Frank	1.02	
Lowsky, John	0.34	
May, Marianne	1.02	
Potocar, William P	1.39	
Rodriguez, Jesus (Jesse)	-0.87	
Sanchez, Arthur	-0.25	
Seiz, Ray	-1.23	
Trevino, Bobby	0.34	
Veiga, Victor	-0.63	
Viera, Ralph B.	-0.06	
Zalewski, John	-1.31	
MAXIMUM	-2.09	
MINIMUM	-0.06	
RANGE(MAX-MIN)	-2.025	
MEAN	0.000	
STANDARD DEVIATION	1.000	
N SIZE	29.000	

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Part ID= VVCALL - CAL RC BFL VARN L

Rated Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	AVERAG	
Aguirre, Nancy P	9.63	
Avis, Steven	9.75	
Barrera, Tony	9.64	
Cales, Jonathon	9.73	
Castillo, George	9.68	
Clare, Jamie	9.47	
Cumberworth, Lee	9.77	
DeCapite, Vanessa	9.70	
Foecking, Brian	9.71	
Goulais, Ed	9.66	
Guarda, Waldyr	9.46	
Hill, Howard P.	9.28	
Hurst, Kevin R.	9.83	
King, Jennifer	9.73	
Kraemer, Vernon	9.73	
Langford, Mike	9.63	
Lonsway, Chris	9.60	
Lopez, Frank	9.81	
Lowsky, John	9.90	
May, Marianne	9.81	
Potocar, William P	9.62	
Rodriguez, Jesus (Jesse)	9.90	
Sanchez, Arthur	9.70	
Seiz, Ray	9.62	
Trevino, Bobby	9.74	
Veiga, Victor	9.86	
Viera, Ralph B.	9.85	
Zalewski, John	9.77	
MAXIMUM	9.90	
MINIMUM	9.28	
RANGE(MAX-MIN)	0.620	
MEAN	9.699	
STANDARD DEVIATION	0.138	
N SIZE	28.000	

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Part ID= VVCALL - CAL RC BFL VARN L

VVCALL Yi Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	AVERAG	
Aguirre, Nancy P	-0.50	
Avis, Steven	0.37	
Barrera, Tony	-0.43	
Cales, Jonathon	0.22	
Castillo, George	-0.14	
Clare, Jamie	-1.67	
Cumberworth, Lee	0.51	
DeCapite, Vanessa	0.01	
Foecking, Brian	0.08	
Goulais, Ed	-0.29	
Guarda, Waldyr	-1.74	
Hill, Howard P.	-3.05	
Hurst, Kevin R.	0.95	
King, Jennifer	0.22	
Kraemer, Vernon	0.22	
Langford, Mike	-0.50	
Lonsway, Chris	-0.72	
Lopez, Frank	0.80	
Lowsky, John	1.46	
May, Marianne	0.80	
Potocar, William P	-0.58	
Rodriguez, Jesus (Jesse)	1.46	
Sanchez, Arthur	0.01	
Seiz, Ray	-0.58	
Trevino, Bobby	0.30	
Veiga, Victor	1.17	
Viera, Ralph B.	1.10	
Zalewski, John	0.51	
MAXIMUM	-3.05	
MINIMUM	0.01	
RANGE(MAX-MIN)	-3.053	
MEAN	0.000	
STANDARD DEVIATION	1.000	
N SIZE	28.000	

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Part ID= VVICALR - CAL RC BFL VARN R

Rated Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	AVERAG	
Aguirre, Nancy P	9.76	
Avis, Steven	9.82	
Barrera, Tony	9.80	
Cales, Jonathon	9.85	
Castillo, George	9.97	
Clare, Jamie	9.57	
Cumberworth, Lee	9.93	
DeCapite, Vanessa	9.77	
Foecking, Brian	9.81	
Goulais, Ed	9.79	
Guarda, Waldyr	9.59	
Hill, Howard P.	9.30	
Hurst, Kevin R.	9.92	
King, Jennifer	9.73	
Kraemer, Vernon	9.80	
Langford, Mike	9.75	
Lonsway, Chris	9.77	
Lopez, Frank	9.90	
Lowsky, John	9.90	
May, Marianne	9.86	
Potocar, William P	9.68	
Rodriguez, Jesus (Jesse)	9.90	
Sanchez, Arthur	9.89	
Seiz, Ray	9.81	
Trevino, Bobby	9.80	
Veiga, Victor	9.85	
Viera, Ralph B.	9.85	
Zalewski, John	9.90	
MAXIMUM	9.97	
MINIMUM	9.30	
RANGE(MAX-MIN)	0.670	
MEAN	9.795	
STANDARD DEVIATION	0.135	
N SIZE	28.000	

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Part ID= VVICALR - CAL RC BFL VARN R

VVICALR YI Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	AVERAG	
Aguirre, Nancy P	-0.26	
Avis, Steven	0.18	
Barrera, Tony	0.03	
Cales, Jonathon	0.40	
Castillo, George	1.29	
Clare, Jamie	-1.67	
Cumberworth, Lee	1.00	
DeCapite, Vanessa	-0.19	
Foecking, Brian	0.11	
Goulais, Ed	-0.04	
Guarda, Waldyr	-1.52	
Hill, Howard P.	-3.67	
Hurst, Kevin R.	0.92	
King, Jennifer	-0.48	
Kraemer, Vernon	0.03	
Langford, Mike	-0.34	
Lonsway, Chris	-0.19	
Lopez, Frank	0.78	
Lowsky, John	0.78	
May, Marianne	0.48	
Potocar, William P	-0.85	
Rodriguez, Jesus (Jesse)	0.78	
Sanchez, Arthur	0.70	
Seiz, Ray	0.11	
Trevino, Bobby	0.03	
Veiga, Victor	0.40	
Viera, Ralph B.	0.40	
Zalewski, John	0.78	
MAXIMUM	-3.67	
MINIMUM	0.03	
RANGE(MAX-MIN)	-3.705	
MEAN	0.000	
STANDARD DEVIATION	1.000	
N SIZE	28.000	

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Part ID= VVICALR - CAL RC BFL VARN R

Rated Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	AVERAG	
Aguirre, Nancy P	9.76	
Avis, Steven	9.82	
Barrera, Tony	9.80	
Cales, Jonathon	9.85	
Castillo, George	9.97	
Clare, Jamie	9.57	
Cumberworth, Lee	9.93	
DeCapite, Vanessa	9.77	
Foecking, Brian	9.81	
Goulais, Ed	9.79	
Guarda, Waldyr	9.59	
Hurst, Kevin R.	9.92	
King, Jennifer	9.73	
Kraemer, Vernon	9.80	
Langford, Mike	9.75	
Lonsway, Chris	9.77	
Lopez, Frank	9.90	
Lowsky, John	9.90	
May, Marianne	9.86	
Potocar, William P	9.68	
Rodriguez, Jesus (Jesse)	9.90	
Sanchez, Arthur	9.89	
Seiz, Ray	9.81	
Trevino, Bobby	9.80	
Veiga, Victor	9.85	
Viera, Ralph B.	9.85	
Zalewski, John	9.90	
MAXIMUM	9.97	
MINIMUM	9.57	
RANGE(MAX-MIN)	0.400	
MEAN	9.814	
STANDARD DEVIATION	0.096	
N SIZE	27.000	

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Part ID= VVICALR - CAL RC BFL VARN R

VVICALR Yi Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	AVERAG	
Aguirre, Nancy P	-0.56	
Avis, Steven	0.07	
Barrera, Tony	-0.14	
Cales, Jonathon	0.38	
Castillo, George	1.64	
Clare, Jamie	-2.55	
Cumberworth, Lee	1.22	
DeCapite, Vanessa	-0.46	
Foecking, Brian	-0.04	
Goulais, Ed	-0.25	
Guarda, Waldyr	-2.34	
Hurst, Kevin R.	1.11	
King, Jennifer	-0.88	
Kraemer, Vernon	-0.14	
Langford, Mike	-0.67	
Lonsway, Chris	-0.46	
Lopez, Frank	0.90	
Lowsky, John	0.90	
May, Marianne	0.48	
Potocar, William P	-1.40	
Rodriguez, Jesus (Jesse)	0.90	
Sanchez, Arthur	0.80	
Seiz, Ray	-0.04	
Trevino, Bobby	-0.14	
Veiga, Victor	0.38	
Viera, Ralph B.	0.38	
Zalewski, John	0.90	
MAXIMUM	-2.55	
MINIMUM	-0.04	
RANGE(MAX-MIN)	-2.513	
MEAN	0.000	
STANDARD DEVIATION	1.000	
N SIZE	27.000	

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Part ID= A1 - SQUARE CUT

Rated Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	G1TOT	G2TOT	G3TOT	G4TOT	I2TOT	I3TOT	I4TOT	TGF
Avis, Steven	55.39	2.54	0.10	0.15	5.12	0.36	0.23	63.00
Castillo, George	55.35	0.93	0.02	0.09	4.20	0.41	0.34	60.00
DeCapite, Vanessa	51.97	2.60	0.01	0.03	6.34	0.12	0.03	49.00
Foecking, Brian	55.10	1.89	0.01	0.02	5.51	0.18	0.02	52.00
Guarda, Waldyr	64.23	2.59	0.39	0.44	5.78	0.85	0.55	74.00
Hodgson, Joshua	61.65	2.72	0.07	0.10	9.05	0.27	0.16	68.00
Hurst, Kevin R.	53.70	1.63	0.20	0.20	7.43	0.32	0.27	54.00
King, Jennifer	52.41	0.10	0.10	0.12	1.49	0.59	0.50	70.00
Kobrinetz, Joaquin J.	58.54	1.64	0.10	0.08	5.97	0.39	0.24	60.00
Langford, Mike	58.62	1.55	0.30	0.20	6.56	0.48	0.20	59.00
Lopez, Frank	55.38	1.50	0.10	0.10	6.68	0.92	0.30	50.00
Potocar, William P	55.15	1.70	0.15	0.10	4.42	0.39	0.23	47.00
Rodriguez, Jesus (Jesse)	50.84	0.66	0.10	0.10	3.12	0.50	0.40	54.00
Trevino, Bobby	53.34	0.96	0.13	0.11	5.33	0.35	0.25	72.00
Veiga, Victor	57.51	1.79	0.10	0.14	5.59	0.16	0.14	57.60
MAXIMUM	64.23	2.72	0.39	0.44	9.05	0.92	0.55	74.00
MINIMUM	50.84	0.10	0.01	0.02	1.49	0.12	0.02	47.00
RANGE(MAX-MIN)	13.390	2.620	0.380	0.420	7.560	0.800	0.530	27.000
MEAN	55.945	1.653	0.125	0.132	5.506	0.419	0.257	59.307
STANDARD DEVIATION	3.645	0.766	0.104	0.099	1.785	0.229	0.149	8.613
N SIZE	15.000							

Part ID= A1 - SQUARE CUT

A1 YI Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	G1TOT	G2TOT	G3TOT	G4TOT	I2TOT	I3TOT	I4TOT	TGF
Avis, Steven	-0.15	1.16	-0.24	0.18	-0.22	-0.26	-0.18	0.43
Castillo, George	-0.16	-0.94	-1.01	-0.43	-0.73	-0.04	0.56	0.08
DeCapite, Vanessa	-1.09	1.24	-1.11	-1.03	0.47	-1.31	-1.53	-1.20
Foecking, Brian	-0.23	0.31	-1.11	-1.13	0.00	-1.05	-1.59	-0.85
Guarda, Waldyr	2.27	1.22	2.55	3.12	0.15	1.88	1.97	1.71
Hodgson, Joshua	1.56	1.39	-0.53	-0.32	1.98	-0.65	-0.65	1.01
Hurst, Kevin R.	-0.62	-0.03	0.72	0.69	1.08	-0.43	0.09	-0.62
King, Jennifer	-0.97	-2.03	-0.24	-0.12	-2.25	0.75	1.63	1.24
Kobrinetz, Joaquin J.	0.71	-0.02	-0.24	-0.53	0.26	-0.13	-0.12	0.08
Langford, Mike	0.73	-0.13	1.68	0.69	0.59	0.27	-0.39	-0.04
Lopez, Frank	-0.16	-0.20	-0.24	-0.32	0.66	2.19	0.29	-1.08
Potocar, William P	-0.22	0.06	0.24	-0.32	-0.61	-0.13	-0.18	-1.43
Rodriguez, Jesus (Jesse)	-1.40	-1.30	-0.24	-0.32	-1.34	0.35	0.96	-0.62
Trevino, Bobby	-0.71	-0.91	0.04	-0.22	-0.10	-0.30	-0.05	1.47
Veiga, Victor	0.43	0.18	-0.24	0.08	0.05	-1.13	-0.79	-0.20
MAXIMUM	2.27	-2.03	2.55	3.12	-2.25	2.19	1.97	1.71
MINIMUM	-0.15	-0.02	0.04	0.08	0.00	-0.04	-0.05	-0.04
RANGE(MAX-MIN)	2.425	-2.011	2.500	3.037	-2.252	2.231	2.016	1.742
MEAN	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
STANDARD DEVIATION	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
N SIZE	15.000							

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Part ID= A1 - SQUARE CUT

Rated Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	G1TOT	G2TOT	G3TOT	G4TOT	L2TOT	L3TOT	L4TOT	TGF
Avis, Steven	55.39	2.54	0.10	0.15	5.12	0.36	0.23	63.00
Castillo, George	55.35	0.93	0.02	0.09	4.20	0.41	0.34	60.00
DeCapite, Vanessa	51.97	2.60	0.01	0.03	6.34	0.12	0.03	49.00
Foecking, Brian	55.10	1.89	0.01	0.02	5.51	0.18	0.02	52.00
Hodgson, Joshua	61.65	2.72	0.07	0.10	9.05	0.27	0.16	68.00
Hurst, Kevin R.	53.70	1.63	0.20	0.20	7.43	0.32	0.27	54.00
King, Jennifer	52.41	0.10	0.10	0.12	1.49	0.59	0.50	70.00
Kobrinetz, Joaquin J.	58.54	1.64	0.10	0.08	5.97	0.39	0.24	60.00
Langford, Mike	58.62	1.55	0.30	0.20	6.56	0.48	0.20	59.00
Lopez, Frank	55.38	1.50	0.10	0.10	6.68	0.92	0.30	50.00
Potocar, William P	55.15	1.70	0.15	0.10	4.42	0.39	0.23	47.00
Rodriguez, Jesus (Jesse)	50.84	0.66	0.10	0.10	3.12	0.50	0.40	54.00
Trevino, Bobby	53.34	0.96	0.13	0.11	5.33	0.35	0.25	72.00
Veiga, Victor	57.51	1.79	0.10	0.14	5.59	0.16	0.14	57.60
MAXIMUM	61.65	2.72	0.30	0.20	9.05	0.92	0.50	72.00
MINIMUM	50.84	0.10	0.01	0.02	1.49	0.12	0.02	47.00
RANGE(MAX-MIN)	10.810	2.620	0.290	0.180	7.560	0.800	0.480	25.000
MEAN	55.354	1.586	0.106	0.110	5.486	0.389	0.236	58.257
STANDARD DEVIATION	2.942	0.748	0.077	0.052	1.851	0.203	0.130	7.880
N SIZE	14.000							

Part ID= A1 - SQUARE CUT

A1 Y1 Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	G1TOT	G2TOT	G3TOT	G4TOT	L2TOT	L3TOT	L4TOT	TGF
Avis, Steven	0.01	1.27	-0.08	0.77	-0.20	-0.14	-0.05	0.60
Castillo, George	0.00	-0.88	-1.13	-0.39	-0.69	0.11	0.80	0.22
DeCapite, Vanessa	-1.15	1.36	-1.26	-1.54	0.46	-1.33	-1.59	-1.17
Foecking, Brian	-0.09	0.41	-1.26	-1.73	0.01	-1.03	-1.67	-0.79
Hodgson, Joshua	2.14	1.52	-0.48	-0.19	1.93	-0.59	-0.59	1.24
Hurst, Kevin R.	-0.56	0.06	1.22	1.73	1.05	-0.34	0.26	-0.54
King, Jennifer	-1.00	-1.99	-0.08	0.19	-2.16	0.99	2.03	1.49
Kobrinetz, Joaquin J.	1.08	0.07	-0.08	-0.58	0.26	0.01	0.03	0.22
Langford, Mike	1.11	-0.05	2.53	1.73	0.58	0.45	-0.28	0.09
Lopez, Frank	0.01	-0.12	-0.08	-0.19	0.64	2.62	0.49	-1.05
Potocar, William P	-0.07	0.15	0.57	-0.19	-0.58	0.01	-0.05	-1.43
Rodriguez, Jesus (Jesse)	-1.53	-1.24	-0.08	-0.19	-1.28	0.55	1.26	-0.54
Trevino, Bobby	-0.68	-0.84	0.31	0.00	-0.08	-0.19	0.10	1.74
Veiga, Victor	0.73	0.27	-0.08	0.58	0.06	-1.13	-0.74	-0.08
MAXIMUM	2.14	-1.99	2.53	-1.73	-2.16	2.62	2.03	1.74
MINIMUM	0.00	-0.05	-0.08	0.00	0.01	0.01	0.03	-0.08
RANGE(MAX-MIN)	2.142	-1.939	2.610	-1.735	-2.172	2.617	2.006	1.827
MEAN	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
STANDARD DEVIATION	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
N SIZE	14.000							

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Part ID= A2 - KEYSTONE

Rated Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	G1TOT	G2TOT	G3TOT	USTOT	L1TOT	L2TOT	L3TOT	UCTOT	TGF	2ndGF	TLHC	TLEC
Avis, Steven	25.00	45.07	1.13	0.28	5.00	31.75	1.80	1.24	4.00	64.00	0.00	0.00
Castillo, George	25.75	38.08	1.60	0.50	4.91	27.03	1.84	0.69	6.00	40.00	0.00	0.00
DeCapite, Vanessa	26.00	29.61	1.00	0.36	5.57	32.28	3.34	1.07	7.00	32.00	0.00	0.00
Foeking, Brian	25.25	28.02	1.17	0.35	6.50	31.75	2.36	1.19	8.00	40.00	0.00	0.00
Guarda, Waldyr	22.03	33.45	1.26	0.82	6.02	41.08	3.74	1.15	4.00	26.00	0.00	0.00
Hodgson, Joshua	27.25	44.08	1.01	0.50	4.62	38.43	2.65	1.15	13.00	68.00	0.00	0.00
King, Jennifer	27.75	29.89	0.75	0.37	3.37	28.09	2.46	0.84	16.00	14.00	0.00	0.00
Langford, Mike	26.00	44.12	0.67	0.58	5.90	33.37	4.24	1.11	22.00	44.00	0.00	0.00
Lopez, Frank	26.00	45.59	1.03	0.67	11.67	28.35	2.81	1.58	14.00	43.00	0.00	0.00
Potocar, William P	25.00	43.35	1.40	0.40	3.08	33.41	2.15	0.79	6.00	40.00	0.00	3.00
Rodriguez, Jesus (Jesse)	27.00	36.25	1.02	0.64	12.60	30.25	1.47	1.14	6.00	75.00	0.00	0.00
Veiga, Victor	26.75	37.91	1.97	0.73	5.37	35.18	2.90	1.50	25.00	34.00	0.00	3.50
MAXIMUM	27.75	45.59	1.97	0.82	12.60	41.08	4.24	1.58	25.00	75.00	0.00	3.50
MINIMUM	22.03	28.02	0.67	0.28	3.08	27.03	1.47	0.69	4.00	14.00	0.00	0.00
RANGE(MAX-MIN)	5.720	17.570	1.300	0.540	9.520	14.050	2.770	0.890	21.000	61.000	0.000	3.500
MEAN	25.815	37.952	1.168	0.517	6.218	32.581	2.647	1.121	10.917	43.333	0.000	0.542
STANDARD DEVIATION	1.482	6.538	0.358	0.172	2.947	4.159	0.821	0.262	7.090	17.706	0.000	1.270
N SIZE	12.000											

Part ID= A2 - KEYSTONE

A2 YI Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	G1TOT	G2TOT	G3TOT	USTOT	L1TOT	L2TOT	L3TOT	UCTOT	TGF	2ndGF	TLHC	TLEC
Avis, Steven	-0.55	1.09	-0.10	-1.38	-0.41	-0.20	-1.03	0.46	-0.98	1.17	0.00	-0.43
Castillo, George	-0.04	0.02	1.21	-0.10	-0.44	-1.33	-0.98	-1.65	-0.69	-0.19	0.00	-0.43
DeCapite, Vanessa	0.12	-1.28	-0.47	-0.91	-0.22	-0.07	0.84	-0.19	-0.55	-0.64	0.00	-0.43
Foeking, Brian	-0.38	-1.52	0.01	-0.97	0.10	-0.20	-0.35	0.26	-0.41	-0.19	0.00	-0.43
Guarda, Waldyr	-2.55	-0.69	0.26	1.77	-0.07	2.04	1.33	0.11	-0.98	-0.98	0.00	-0.43
Hodgson, Joshua	0.97	0.94	-0.44	-0.10	-0.54	1.41	0.00	0.11	0.29	1.39	0.00	-0.43
King, Jennifer	1.31	-1.23	-1.17	-0.85	-0.97	-1.08	-0.23	-1.07	0.72	-1.66	0.00	-0.43
Langford, Mike	0.12	0.94	-1.39	0.37	-0.11	0.19	1.94	-0.04	1.56	0.04	0.00	-0.43
Lopez, Frank	0.12	1.17	-0.38	0.89	1.85	-1.02	0.20	1.76	0.43	-0.02	0.00	-0.43
Potocar, William P	-0.55	0.83	0.65	-0.68	-1.06	0.20	-0.60	-1.27	-0.69	-0.19	0.00	1.94
Rodriguez, Jesus (Jesse)	0.80	-0.26	-0.41	0.72	2.17	-0.56	-1.43	0.07	-0.69	1.79	0.00	-0.43
Veiga, Victor	0.63	-0.01	2.24	1.24	-0.29	0.62	0.31	1.45	1.99	-0.53	0.00	2.33
MAXIMUM	-2.55	-1.52	2.24	1.77	2.17	2.04	1.94	1.76	1.99	1.79	0.00	2.33
MINIMUM	-0.04	-0.01	0.01	-0.10	-0.07	-0.07	0.00	-0.04	0.29	-0.02	0.00	-0.43
RANGE(MAX-MIN)	-2.510	-1.513	2.234	1.864	2.233	2.116	1.936	1.797	1.693	1.807	0.000	2.757
MEAN	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
STANDARD DEVIATION	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	0.000	1.000
N SIZE	12.000											

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Part ID= A3 - C13-STYLE

Rated Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	G1TOT	G2TOT	G3TOT	L1TOT	L2TOT	L3TOT	L4TOT
Arrizon, Richard	45.04	5.78	2.36	22.89	26.35	3.71	2.00
Avis, Steven	35.00	5.99	1.62	21.67	31.28	3.38	1.45
Castillo, George	40.75	4.83	2.29	14.51	29.61	2.69	2.04
DeCapite, Vanessa	34.25	7.10	0.22	22.48	28.69	1.91	0.09
Foecking, Brian	33.00	8.05	1.22	23.01	32.46	4.90	0.85
Guarda, Waldyr	70.00	10.35	4.85	29.63	35.55	3.76	1.92
Hodgson, Joshua	53.25	7.00	0.80	20.13	34.54	3.30	1.38
King, Jennifer	44.04	6.13	2.39	20.31	30.39	3.37	2.23
Langford, Mike	31.08	7.80	2.56	22.51	32.20	4.83	1.95
Lopez, Frank	32.00	7.17	1.60	23.36	30.82	3.13	1.77
Potocar, William P	34.00	6.26	1.88	22.32	37.07	3.69	2.18
Rodriguez, Jesus (Jesse)	41.00	7.81	1.72	21.93	24.84	3.81	1.10
Veiga, Victor	43.00	8.29	0.16	18.92	27.09	2.56	0.14
MAXIMUM	70.00	10.35	4.85	29.63	37.07	4.90	2.23
MINIMUM	31.08	4.83	0.16	14.51	24.84	1.91	0.09
RANGE(MAX-MIN)	38.920	5.520	4.690	15.120	12.230	2.990	2.140
MEAN	41.262	7.120	1.821	21.821	30.838	3.465	1.469
STANDARD DEVIATION	10.777	1.404	1.204	3.343	3.605	0.828	0.731
N SIZE	13.000						

Part ID= A3 - C13-STYLE

A3 YI Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	G1TOT	G2TOT	G3TOT	L1TOT	L2TOT	L3TOT	L4TOT
Arrizon, Richard	0.35	-0.95	0.45	0.32	-1.25	0.30	0.73
Avis, Steven	-0.58	-0.80	-0.17	-0.05	0.12	-0.10	-0.03
Castillo, George	-0.05	-1.63	0.39	-2.19	-0.34	-0.94	0.78
DeCapite, Vanessa	-0.65	-0.01	-1.33	0.20	-0.60	-1.88	-1.89
Foecking, Brian	-0.77	0.66	-0.50	0.36	0.45	1.73	-0.85
Guarda, Waldyr	2.67	2.30	2.52	2.34	1.31	0.36	0.62
Hodgson, Joshua	1.11	-0.09	-0.85	-0.51	1.03	-0.20	-0.12
King, Jennifer	0.26	-0.71	0.47	-0.45	-0.12	-0.11	1.04
Langford, Mike	-0.94	0.48	0.61	0.21	0.38	1.65	0.66
Lopez, Frank	-0.86	0.04	-0.18	0.46	0.00	-0.40	0.41
Potocar, William P	-0.67	-0.61	0.05	0.15	1.73	0.27	0.97
Rodriguez, Jesus (Jesse)	-0.02	0.49	-0.08	0.03	-1.66	0.42	-0.51
Veiga, Victor	0.16	0.83	-1.38	-0.87	-1.04	-1.09	-1.82
MAXIMUM	2.67	2.30	2.52	2.34	1.73	-1.88	-1.89
MINIMUM	-0.02	-0.01	0.05	0.03	0.00	-0.10	-0.03
RANGE(MAX-MIN)	2.691	2.315	2.468	2.303	1.734	-1.775	-1.860
MEAN	0.000	0.000	0.000	0.000	0.000	0.000	0.000
STANDARD DEVIATION	1.000	1.000	1.000	1.000	1.000	1.000	1.000
N SIZE	13.000						

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Part ID= A4 - SQUARE CUT

Rated Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	G1TOT	G2TOT	G3TOT	G4TOT	L2TOT	L3TOT	L4TOT	TGF
Arrizon, Richard	46.95	7.00	0.20	0.21	22.31	0.20	0.20	47.00
Avis, Steven	45.22	5.57	0.10	0.05	22.46	0.00	0.00	45.00
Cales, Jonathon	40.52	6.10	0.10	0.10	17.92	0.10	0.10	39.00
Castillo, George	44.49	4.60	0.03	0.03	19.39	0.10	0.13	36.00
Cumberworth, Lee	39.02	4.88	0.10	0.13	21.08	0.10	0.10	44.00
DeCapite, Vanessa	42.75	5.97	0.04	0.02	21.54	0.01	0.01	36.00
Foecking, Brian	43.78	6.13	0.01	0.00	21.70	0.01	0.01	45.00
Guarda, Waldyr	67.50	6.03	0.32	0.36	23.06	0.70	0.60	76.00
Hodgson, Joshua	55.92	5.16	0.00	0.04	20.28	0.00	0.00	47.00
King, Jennifer	50.03	6.82	0.15	0.13	20.59	0.20	0.20	62.00
Kobrinetz, Joaquin J.	43.70	6.03	0.05	0.12	20.80	0.08	0.09	43.00
Langford, Mike	51.64	8.71	0.30	0.10	19.83	0.20	0.10	50.00
Lopez, Frank	49.25	8.13	0.10	0.10	22.49	0.10	0.10	37.00
Potocar, William P	41.86	4.40	0.10	0.14	21.09	0.10	0.05	45.00
Rodriguez, Jesus (Jesse)	48.49	6.12	0.10	0.10	22.17	0.10	0.10	37.00
Terrado, Ken	55.00	5.44	0.15	0.17	21.02	0.24	0.18	46.00
Veiga, Victor	43.54	7.37	0.10	1.00	21.01	0.10	0.10	45.00
MAXIMUM	67.50	8.71	0.32	1.00	23.06	0.70	0.60	76.00
MINIMUM	39.02	4.40	0.00	0.00	17.92	0.00	0.00	36.00
RANGE(MAX-MIN)	28.480	4.310	0.320	1.000	5.140	0.700	0.600	40.000
MEAN	47.627	6.145	0.115	0.165	21.102	0.138	0.122	45.882
STANDARD DEVIATION	7.018	1.175	0.090	0.231	1.286	0.162	0.139	10.006
N SIZE	17.000							

Part ID= A4 - SQUARE CUT

A4 YI Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	G1TOT	G2TOT	G3TOT	G4TOT	L2TOT	L3TOT	L4TOT	TGF
Arrizon, Richard	-0.10	0.73	0.95	0.20	0.94	0.38	0.56	0.11
Avis, Steven	-0.34	-0.49	-0.16	-0.50	1.06	-0.85	-0.88	-0.09
Cales, Jonathon	-1.01	-0.04	-0.16	-0.28	-2.47	-0.23	-0.16	-0.69
Castillo, George	-0.45	-1.31	-0.94	-0.58	-1.33	-0.23	0.06	-0.99
Cumberworth, Lee	-1.23	-1.08	-0.16	-0.15	-0.02	-0.23	-0.16	-0.19
DeCapite, Vanessa	-0.70	-0.15	-0.83	-0.63	0.34	-0.79	-0.81	-0.99
Foecking, Brian	-0.55	-0.01	-1.17	-0.71	0.46	-0.79	-0.81	-0.09
Guarda, Waldyr	2.83	-0.10	2.29	0.85	1.52	3.46	3.45	3.01
Hodgson, Joshua	1.18	-0.84	-1.28	-0.54	-0.64	-0.85	-0.88	0.11
King, Jennifer	0.34	0.57	0.39	-0.15	-0.40	0.38	0.56	1.61
Kobrinetz, Joaquin J.	-0.56	-0.10	-0.72	-0.19	-0.24	-0.35	-0.23	-0.29
Langford, Mike	0.57	2.18	2.07	-0.28	-0.99	0.38	-0.16	0.41
Lopez, Frank	0.23	1.69	-0.16	-0.28	1.08	-0.23	-0.16	-0.89
Potocar, William P	-0.82	-1.48	-0.16	-0.11	-0.01	-0.23	-0.52	-0.09
Rodriguez, Jesus (Jesse)	0.12	-0.02	-0.16	-0.28	0.83	-0.23	-0.16	-0.89
Terrado, Ken	1.05	-0.60	0.39	0.02	-0.06	0.63	0.42	0.01
Veiga, Victor	-0.58	1.04	-0.16	3.61	-0.07	-0.23	-0.16	-0.09
MAXIMUM	2.83	2.18	2.29	3.61	-2.47	3.46	3.45	3.01
MINIMUM	-0.10	-0.01	-0.16	0.02	-0.01	-0.23	0.06	0.01
RANGE(MAX-MIN)	2.928	2.195	2.452	3.591	-2.465	3.694	3.387	2.998
MEAN	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
STANDARD DEVIATION	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
N SIZE	17.000							

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Part ID= A4 - SQUARE CUT

Rated Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	G1TOT	G2TOT	G3TOT	G4TOT	L2TOT	L3TOT	L4TOT	TGF
Arrizon, Richard	46.95	7.00	0.20	0.21	22.31	0.20	0.20	47.00
Avis, Steven	45.22	5.57	0.10	0.05	22.46	0.00	0.00	45.00
Cales, Jonathon	40.52	6.10	0.10	0.10	17.92	0.10	0.10	39.00
Castillo, George	44.49	4.60	0.03	0.03	19.39	0.10	0.13	36.00
Cumberworth, Lee	39.02	4.88	0.10	0.13	21.08	0.10	0.10	44.00
DeCapite, Vanessa	42.75	5.97	0.04	0.02	21.54	0.01	0.01	36.00
Foecking, Brian	43.78	6.13	0.01	0.00	21.70	0.01	0.01	45.00
Hodgson, Joshua	55.92	5.16	0.00	0.04	20.28	0.00	0.00	47.00
King, Jennifer	50.03	6.82	0.15	0.13	20.59	0.20	0.20	62.00
Kobrinetz, Joaquin J.	43.70	6.03	0.05	0.12	20.80	0.08	0.09	43.00
Langford, Mike	51.64	8.71	0.30	0.10	19.83	0.20	0.10	50.00
Lopez, Frank	49.25	8.13	0.10	0.10	22.49	0.10	0.10	37.00
Potocar, William P	41.86	4.40	0.10	0.14	21.09	0.10	0.05	45.00
Rodriguez, Jesus (Jesse)	48.49	6.12	0.10	0.10	22.17	0.10	0.10	37.00
Terrado, Ken	55.00	5.44	0.15	0.17	21.02	0.24	0.18	46.00
Veiga, Victor	43.54	7.37	0.10	1.00	21.01	0.10	0.10	45.00
MAXIMUM	55.92	8.71	0.30	1.00	22.49	0.24	0.20	62.00
MINIMUM	39.02	4.40	0.00	0.00	17.92	0.00	0.00	36.00
RANGE(MAX-MIN)	16.900	4.310	0.300	1.000	4.570	0.240	0.200	26.000
MEAN	46.385	6.152	0.102	0.153	20.980	0.103	0.092	44.000
STANDARD DEVIATION	4.956	1.213	0.075	0.233	1.222	0.076	0.066	6.522
N SIZE	16.000							

Part ID= A4 - SQUARE CUT

A4 YI Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	G1TOT	G2TOT	G3TOT	G4TOT	L2TOT	L3TOT	L4TOT	TGF
Arrizon, Richard	0.11	0.70	1.31	0.25	1.09	1.29	1.64	0.46
Avis, Steven	-0.24	-0.48	-0.03	-0.44	1.21	-1.35	-1.40	0.15
Cales, Jonathon	-1.18	-0.04	-0.03	-0.23	-2.50	-0.03	0.12	-0.77
Castillo, George	-0.38	-1.28	-0.96	-0.53	-1.30	-0.03	0.58	-1.23
Cumberworth, Lee	-1.49	-1.05	-0.03	-0.10	0.08	-0.03	0.12	0.00
DeCapite, Vanessa	-0.73	-0.15	-0.83	-0.57	0.46	-1.22	-1.24	-1.23
Foecking, Brian	-0.53	-0.02	-1.23	-0.65	0.59	-1.22	-1.24	0.15
Hodgson, Joshua	1.92	-0.82	-1.36	-0.48	-0.57	-1.35	-1.40	0.46
King, Jennifer	0.74	0.55	0.64	-0.10	-0.32	1.29	1.64	2.76
Kobrinetz, Joaquin J.	-0.54	-0.10	-0.69	-0.14	-0.15	-0.30	-0.03	-0.15
Langford, Mike	1.06	2.11	2.65	-0.23	-0.94	1.29	0.12	0.92
Lopez, Frank	0.58	1.63	-0.03	-0.23	1.24	-0.03	0.12	-1.07
Potocar, William P	-0.91	-1.44	-0.03	-0.05	0.09	-0.03	-0.64	0.15
Rodriguez, Jesus (Jesse)	0.42	-0.03	-0.03	-0.23	0.97	-0.03	0.12	-1.07
Terrado, Ken	1.74	-0.59	0.64	0.08	0.03	1.81	1.34	0.31
Veiga, Victor	-0.57	1.00	-0.03	3.64	0.02	-0.03	0.12	0.15
MAXIMUM	1.92	2.11	2.65	3.64	-2.50	1.81	1.64	2.76
MINIMUM	0.11	-0.02	-0.03	-0.05	0.02	-0.03	-0.03	0.00
RANGE(MAX-MIN)	1.810	2.126	2.672	3.692	-2.529	1.848	1.671	2.760
MEAN	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
STANDARD DEVIATION	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
N SIZE	16.000							

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Part ID= A5 - SEQUENCE III

Rated Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	UCTOT	THIOT	ATTOT
Arrizon, Richard	28.30	22.43	1.53	27.73	20.17	6.81	0.40	0.13
Avis, Steven	20.91	28.00	1.91	31.41	20.83	6.78	0.38	0.03
Castillo, George	28.75	20.18	1.13	24.14	18.58	6.63	0.44	0.03
DeCapite, Vanessa	28.75	24.63	1.79	30.02	21.88	6.64	0.55	0.14
Foecking, Brian	25.00	22.73	0.74	26.52	21.76	6.70	0.66	0.07
Guarda, Waldyr	26.50	27.85	1.18	46.92	16.20	5.51	0.53	0.35
Hodgson, Joshua	30.75	33.86	1.35	35.75	19.53	6.30	0.57	0.20
Hurst, Kevin R.	27.25	23.93	1.21	22.46	21.98	6.88	0.27	0.10
King, Jennifer	27.76	23.23	1.75	27.87	20.62	6.35	0.31	0.19
Langford, Mike	29.50	22.58	1.32	27.11	19.57	5.60	0.15	0.00
Lopez, Frank	28.00	22.29	1.32	43.53	21.38	6.80	0.45	0.10
Potocar, William P	28.00	21.90	1.58	31.95	19.45	6.81	0.79	0.25
Rodriguez, Jesus (Jesse)	26.50	21.20	1.38	24.20	18.91	6.60	0.56	0.20
Trevino, Bobby	26.05	21.66	1.39	29.70	21.26	6.24	0.49	0.14
Veiga, Victor	28.00	36.60	1.41	29.72	20.30	5.72	0.20	0.10
MAXIMUM	30.75	36.60	1.91	46.92	21.98	6.88	0.79	0.35
MINIMUM	20.91	20.18	0.74	22.46	16.20	5.51	0.15	0.00
RANGE(MAX-MIN)	9.840	16.420	1.170	24.460	5.780	1.370	0.640	0.350
MEAN	27.335	24.871	1.399	30.602	20.161	6.425	0.450	0.135
STANDARD DEVIATION	2.277	4.764	0.292	6.855	1.540	0.466	0.172	0.092
N SIZE	15.000							

Part ID= A5 - SEQUENCE III

A5 YI Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	UCTOT	THIOT	ATTOT
Arrizon, Richard	0.42	-0.51	0.45	-0.42	0.01	0.83	-0.29	-0.06
Avis, Steven	-2.82	0.66	1.75	0.12	0.43	0.76	-0.41	-1.14
Castillo, George	0.62	-0.98	-0.92	-0.94	-1.03	0.44	-0.06	-1.14
DeCapite, Vanessa	0.62	-0.05	1.34	-0.08	1.12	0.46	0.58	0.05
Foecking, Brian	-1.03	-0.45	-2.26	-0.60	1.04	0.59	1.22	-0.71
Guarda, Waldyr	-0.37	0.63	-0.75	2.38	-2.57	-1.96	0.46	2.33
Hodgson, Joshua	1.50	1.89	-0.17	0.75	-0.41	-0.27	0.70	0.70
Hurst, Kevin R.	-0.04	-0.20	-0.65	-1.19	1.18	0.98	-1.04	-0.38
King, Jennifer	0.19	-0.34	1.20	-0.40	0.30	-0.16	-0.81	0.59
Langford, Mike	0.95	-0.48	-0.27	-0.51	-0.38	-1.77	-1.74	-1.47
Lopez, Frank	0.29	-0.54	-0.27	1.89	0.79	0.81	0.00	-0.38
Potocar, William P	0.29	-0.62	0.62	0.20	-0.46	0.83	1.97	1.24
Rodriguez, Jesus (Jesse)	-0.37	-0.77	-0.07	-0.93	-0.81	0.38	0.64	0.70
Trevino, Bobby	-0.56	-0.67	-0.03	-0.13	0.71	-0.40	0.23	0.05
Veiga, Victor	0.29	2.46	0.04	-0.13	0.09	-1.51	-1.45	-0.38
MAXIMUM	-2.82	2.46	-2.26	2.38	-2.57	-1.96	1.97	2.33
MINIMUM	-0.04	-0.05	-0.03	-0.08	0.01	-0.16	0.00	0.05
RANGE(MAX-MIN)	-2.785	2.513	-2.227	2.465	-2.578	-1.804	1.972	2.276
MEAN	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
STANDARD DEVIATION	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
N SIZE	15.000							

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Part ID= A6 - ARTICULATED 2-PIECE

Rated Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	G1TOT	G2TOT	G3TOT	OCTOT	L1TOT	L2TOT	L3TOT	L4TOT	TGF	2ndGF	TLHC	TLFC
Avis, Steven	43.75	7.83	0.53	6.91	45.24	4.92	1.71	0.55	28.00	1.00	28.00	0.00
Castillo, George	37.96	6.73	0.78	4.50	27.97	4.24	2.27	0.32	32.00	1.00	14.00	0.00
DeCapite, Vanessa	41.75	7.79	0.67	6.76	32.91	4.22	1.10	0.20	31.00	2.00	22.00	0.00
Foeking, Brian	35.50	9.43	0.25	5.26	34.86	4.47	0.88	0.32	29.00	1.00	24.00	0.00
Guarda, Waldyr	50.08	6.41	0.72	4.50	41.72	5.82	1.50	1.06	51.00	3.00	24.00	1.00
Hodgson, Joshua	49.41	8.15	0.70	5.70	52.00	5.88	1.12	0.08	60.00	3.00	36.00	4.00
King, Jennifer	40.75	9.38	0.93	6.01	34.03	5.46	1.46	0.79	33.00	2.00	13.00	0.00
Langford, Mike	44.00	10.23	1.16	3.60	38.50	6.19	1.77	0.60	44.00	5.00	18.00	0.00
Lopez, Frank	40.50	9.06	0.39	6.76	41.50	5.64	0.86	0.35	29.00	0.00	22.00	1.00
Potocar, William P	43.75	14.60	0.86	6.45	28.00	4.77	1.98	0.80	31.00	1.00	20.00	0.00
Rodriguez, Jesus (Jesse)	38.00	10.91	0.63	4.80	49.36	5.16	1.75	0.15	40.00	2.00	34.00	0.00
Trevino, Bobby	36.00	7.17	1.33	6.90	38.62	4.92	2.11	1.10	22.00	1.00	22.00	0.00
Veiga, Victor	46.25	8.39	0.50	5.85	42.13	4.14	1.42	0.24	45.00	4.00	25.00	0.00
MAXIMUM	50.08	14.60	1.33	6.91	52.00	6.19	2.27	1.10	60.00	5.00	36.00	4.00
MINIMUM	35.50	6.41	0.25	3.60	27.97	4.14	0.86	0.08	22.00	0.00	13.00	0.00
RANGE(MAX-MIN)	14.580	8.190	1.080	3.310	24.030	2.050	1.410	1.020	38.000	5.000	23.000	4.000
MEAN	42.131	8.929	0.727	5.692	38.988	5.064	1.533	0.505	36.538	2.000	23.231	0.462
STANDARD DEVIATION	4.678	2.159	0.297	1.085	7.420	0.691	0.453	0.342	10.767	1.414	6.698	1.127
N SIZE	13.000											

Part ID= A6 - ARTICULATED 2-PIECE

A6 YI Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	G1TOT	G2TOT	G3TOT	OCTOT	L1TOT	L2TOT	L3TOT	L4TOT	TGF	2ndGF	TLHC	TLFC
Avis, Steven	0.35	-0.51	-0.66	1.12	0.84	-0.21	0.39	0.13	-0.79	-0.71	0.71	-0.41
Castillo, George	-0.89	-1.02	0.18	-1.10	-1.48	-1.19	1.63	-0.54	-0.42	-0.71	-1.38	-0.41
DeCapite, Vanessa	-0.08	-0.53	-0.19	0.98	-0.82	-1.22	-0.96	-0.89	-0.51	0.00	-0.18	-0.41
Foeking, Brian	-1.42	0.23	-1.61	-0.40	-0.56	-0.86	-1.44	-0.54	-0.70	-0.71	0.11	-0.41
Guarda, Waldyr	1.70	-1.17	-0.02	-1.10	0.37	1.09	-0.07	1.62	1.34	0.71	0.11	0.48
Hodgson, Joshua	1.56	-0.36	-0.09	0.01	1.75	1.18	-0.91	-1.24	2.18	0.71	1.91	3.14
King, Jennifer	-0.30	0.21	0.68	0.29	-0.67	0.57	-0.16	0.83	-0.33	0.00	-1.53	-0.41
Langford, Mike	0.40	0.60	1.46	-1.93	-0.07	1.63	0.52	0.28	0.69	2.12	-0.78	-0.41
Lopez, Frank	-0.35	0.06	-1.13	0.98	0.34	0.83	-1.48	-0.45	-0.70	-1.41	-0.18	0.48
Potocar, William P	0.35	2.63	0.45	0.70	-1.48	-0.43	0.99	0.86	-0.51	-0.71	-0.48	-0.41
Rodriguez, Jesus (Jesse)	-0.88	0.92	-0.33	-0.82	1.40	0.14	0.48	-1.04	0.32	0.00	1.61	-0.41
Trevino, Bobby	-1.31	-0.81	2.03	1.11	-0.05	-0.21	1.27	1.74	-1.35	-0.71	-0.18	-0.41
Veiga, Victor	0.88	-0.25	-0.76	0.15	0.42	-1.34	-0.25	-0.77	0.79	1.41	0.26	-0.41
MAXIMUM	1.70	2.63	2.03	-1.93	1.75	1.63	1.63	1.74	2.18	2.12	1.91	3.14
MINIMUM	-0.08	0.06	-0.02	0.01	-0.05	0.14	-0.07	0.13	0.32	0.00	0.11	-0.41
RANGE(MAX-MIN)	1.781	2.566	2.055	-1.936	1.803	1.491	1.698	1.608	1.858	2.121	1.792	3.551
MEAN	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
STANDARD DEVIATION	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
N SIZE	13.000											

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Part ID= A7 - SEQUENCE III

Rated Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	UCTOT	THTOT	ATTOT
Arrizon, Richard	17.79	25.00	2.14	26.79	23.38	7.10	0.77	0.20
Avis, Steven	11.95	27.25	2.08	27.25	22.76	7.15	0.50	0.01
Castillo, George	9.76	26.50	2.10	27.25	23.17	6.99	0.70	0.03
DeCapite, Vanessa	15.28	26.50	3.19	28.05	23.80	6.79	0.97	0.15
Foecking, Brian	12.00	25.00	2.20	28.00	25.00	8.06	0.96	0.12
Guarda, Waldyr	11.72	28.00	3.16	27.45	23.00	6.74	1.00	0.52
Hodgson, Joshua	15.92	32.50	2.38	29.31	21.15	6.55	0.95	0.00
King, Jennifer	17.12	26.50	1.96	26.29	23.30	7.10	0.53	0.20
Langford, Mike	13.75	28.00	3.26	29.06	22.26	7.20	0.83	0.10
Lopez, Frank	15.08	28.75	1.96	28.75	23.43	7.19	0.84	0.10
Potocar, William P	18.28	26.50	2.29	29.04	23.25	7.26	1.28	0.30
Rodríguez, Jesus (Jesse)	15.83	26.50	2.29	28.75	22.48	7.00	0.35	0.10
Veiga, Victor	11.47	25.00	1.64	27.25	23.02	6.65	0.68	0.10
MAXIMUM	18.28	32.50	3.26	29.31	25.00	8.06	1.28	0.52
MINIMUM	9.76	25.00	1.64	26.29	21.15	6.55	0.35	0.00
RANGE(MAX-MIN)	8.520	7.500	1.620	3.020	3.850	1.510	0.930	0.520
MEAN	14.304	27.077	2.358	27.942	23.077	7.060	0.797	0.148
STANDARD DEVIATION	2.722	2.011	0.517	0.974	0.884	0.376	0.248	0.139
N SIZE	13.000							

Part ID= A7 - SEQUENCE III

A7 YI Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	UCTOT	THTOT	ATTOT
Arrizon, Richard	1.28	-1.03	-0.42	-1.18	0.34	0.11	-0.11	0.37
Avis, Steven	-0.86	0.09	-0.54	-0.71	-0.36	0.24	-1.20	-1.00
Castillo, George	-1.67	-0.29	-0.50	-0.71	0.11	-0.19	-0.39	-0.85
DeCapite, Vanessa	0.36	-0.29	1.61	0.11	0.82	-0.72	0.70	0.01
Foecking, Brian	-0.85	-1.03	-0.31	0.06	2.18	2.66	0.66	-0.20
Guarda, Waldyr	-0.95	0.46	1.55	-0.50	-0.09	-0.85	0.82	2.67
Hodgson, Joshua	0.59	2.70	0.04	1.41	-2.18	-1.36	0.62	-1.07
King, Jennifer	1.03	-0.29	-0.77	-1.70	0.25	0.11	-1.07	0.37
Langford, Mike	-0.20	0.46	1.75	1.15	-0.92	0.37	0.13	-0.35
Lopez, Frank	0.29	0.83	-0.77	0.83	0.40	0.35	0.17	-0.35
Potocar, William P	1.46	-0.29	-0.13	1.13	0.20	0.53	1.94	1.09
Rodríguez, Jesus (Jesse)	0.56	-0.29	-0.13	0.83	-0.68	-0.16	-1.80	-0.35
Veiga, Victor	-1.04	-1.03	-1.39	-0.71	-0.06	-1.09	-0.47	-0.35
MAXIMUM	-1.67	2.70	1.75	-1.70	-2.18	2.66	1.94	2.67
MINIMUM	-0.20	0.09	0.04	0.06	-0.06	0.11	-0.11	0.01
RANGE(MAX-MIN)	-1.466	2.610	1.702	-1.756	-2.116	2.551	2.053	2.662
MEAN	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
STANDARD DEVIATION	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
N SIZE	13.000							

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Part ID= A8 - SEQUENCE III

Rated Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	UCTOT	THTOT	ATTOT
Arrizon, Richard	21.10	27.25	1.92	27.33	17.41	6.13	0.54	0.25
Avis, Steven	19.24	25.00	1.92	27.56	17.62	5.48	0.68	0.21
Castillo, George	16.87	25.75	1.57	26.10	16.63	6.39	0.47	0.07
DeCapite, Vanessa	19.48	27.25	2.35	23.60	18.53	5.99	0.67	0.19
Foecking, Brian	19.69	25.00	1.81	26.26	17.78	6.56	0.70	0.18
Guarda, Waldyr	19.72	28.75	1.93	25.33	15.10	6.28	0.76	0.52
Hodgson, Joshua	20.63	31.00	1.57	45.62	15.65	5.65	0.75	0.05
King, Jennifer	20.00	26.27	2.23	25.92	18.41	5.94	0.47	0.33
Kraemer, Vernon	16.77	27.25	2.53	25.77	15.92	5.67	0.47	0.17
Langford, Mike	18.56	25.75	1.97	32.71	17.34	6.10	1.10	0.20
Lopez, Frank	18.21	26.50	1.40	27.34	18.09	6.46	0.50	0.15
Potocar, William P	20.40	26.50	2.32	24.31	16.93	6.28	0.77	0.30
Rodriguez, Jesus (Jesse)	19.60	25.00	1.37	27.16	17.99	6.15	0.66	0.20
Veiga, Victor	19.43	25.00	1.31	25.87	18.40	5.74	0.42	0.27
MAXIMUM	21.10	31.00	2.53	45.62	18.53	6.56	1.10	0.52
MINIMUM	16.77	25.00	1.31	23.60	15.10	5.48	0.42	0.05
RANGE(MAX-MIN)	4.330	6.000	1.220	22.020	3.430	1.080	0.680	0.470
MEAN	19.264	26.591	1.871	27.920	17.271	6.059	0.640	0.221
STANDARD DEVIATION	1.277	1.688	0.391	5.512	1.090	0.329	0.181	0.116
N SIZE	14.000							

Part ID= A8 - SEQUENCE III

A8 Y1 Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	UCTOT	THTOT	ATTOT
Arrizon, Richard	1.44	0.39	0.12	-0.11	0.13	0.22	-0.55	0.25
Avis, Steven	-0.02	-0.94	0.12	-0.07	0.32	-1.76	0.22	-0.09
Castillo, George	-1.87	-0.50	-0.77	-0.33	-0.59	1.01	-0.94	-1.30
DeCapite, Vanessa	0.17	0.39	1.22	-0.78	1.15	-0.21	0.17	-0.27
Foecking, Brian	0.33	-0.94	-0.16	-0.30	0.47	1.52	0.33	-0.35
Guarda, Waldyr	0.36	1.28	0.15	-0.47	-1.99	0.67	0.66	2.59
Hodgson, Joshua	1.07	2.61	-0.77	3.21	-1.49	-1.24	0.61	-1.48
King, Jennifer	0.58	-0.19	0.92	-0.36	1.04	-0.36	-0.94	0.94
Kraemer, Vernon	-1.95	0.39	1.69	-0.39	-1.24	-1.18	-0.94	-0.44
Langford, Mike	-0.55	-0.50	0.25	0.87	0.06	0.13	2.54	-0.18
Lopez, Frank	-0.83	-0.05	-1.21	-0.11	0.75	1.22	-0.77	-0.61
Potocar, William P	0.89	-0.05	1.15	-0.66	-0.31	0.67	0.72	0.69
Rodriguez, Jesus (Jesse)	0.26	-0.94	-1.28	-0.14	0.66	0.28	0.11	-0.18
Veiga, Victor	0.13	-0.94	-1.44	-0.37	1.04	-0.97	-1.22	0.43
MAXIMUM	-1.95	2.61	1.69	3.21	-1.99	-1.76	2.54	2.59
MINIMUM	-0.02	-0.05	0.12	-0.07	0.06	0.13	0.11	-0.09
RANGE(MAX-MIN)	-1.934	2.665	1.561	3.277	-2.055	-1.884	2.430	2.679
MEAN	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
STANDARD DEVIATION	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
N SIZE	14.000							

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Part ID= A8 - SEQUENCE III

Rated Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	UCTOT	THTOT	ATTOT
Arrizon, Richard	21.10	27.25	1.92	27.33	17.41	6.13	0.54	0.25
Avis, Steven	19.24	25.00	1.92	27.56	17.62	5.48	0.68	0.21
Castillo, George	16.87	25.75	1.57	26.10	16.63	6.39	0.47	0.07
DeCapite, Vanessa	19.48	27.25	2.35	23.60	18.53	5.99	0.67	0.19
Foecking, Brian	19.69	25.00	1.81	26.26	17.78	6.56	0.70	0.18
Guarda, Waldyr	19.72	28.75	1.93	25.33	15.10	6.28	0.76	0.52
King, Jennifer	20.00	26.27	2.23	25.92	18.41	5.94	0.47	0.33
Kraemer, Vernon	16.77	27.25	2.53	25.77	15.92	5.67	0.47	0.17
Langford, Mike	18.56	25.75	1.97	32.71	17.34	6.10	1.10	0.20
Lopez, Frank	18.21	26.50	1.40	27.34	18.09	6.46	0.50	0.15
Potocar, William P	20.40	26.50	2.32	24.31	16.93	6.28	0.77	0.30
Rodriguez, Jesus (Jesse)	19.60	25.00	1.37	27.16	17.99	6.15	0.66	0.20
Veiga, Victor	19.43	25.00	1.31	25.87	18.40	5.74	0.42	0.27
MAXIMUM	21.10	28.75	2.53	32.71	18.53	6.56	1.10	0.52
MINIMUM	16.77	25.00	1.31	23.60	15.10	5.48	0.42	0.07
RANGE(MAX-MIN)	4.330	3.750	1.220	9.110	3.430	1.080	0.680	0.450
MEAN	19.159	26.252	1.895	26.558	17.396	6.090	0.632	0.234
STANDARD DEVIATION	1.265	1.159	0.397	2.190	1.025	0.320	0.186	0.109
N SIZE	13.000							

Part ID= A8 - SEQUENCE III

A8 YI Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	UCTOT	THTOT	ATTOT
Arrizon, Richard	1.53	0.86	0.06	0.35	0.01	0.13	-0.49	0.15
Avis, Steven	0.06	-1.08	0.06	0.46	0.22	-1.91	0.26	-0.22
Castillo, George	-1.81	-0.43	-0.82	-0.21	-0.75	0.94	-0.87	-1.50
DeCapite, Vanessa	0.25	0.86	1.15	-1.35	1.11	-0.31	0.21	-0.40
Foecking, Brian	0.42	-1.08	-0.21	-0.14	0.37	1.47	0.37	-0.49
Guarda, Waldyr	0.44	2.16	0.09	-0.56	-2.24	0.59	0.69	2.62
King, Jennifer	0.66	0.02	0.85	-0.29	0.99	-0.47	-0.87	0.88
Kraemer, Vernon	-1.89	0.86	1.60	-0.36	-1.44	-1.31	-0.87	-0.59
Langford, Mike	-0.47	-0.43	0.19	2.81	-0.05	0.03	2.52	-0.31
Lopez, Frank	-0.75	0.21	-1.25	0.36	0.68	1.16	-0.71	-0.77
Potocar, William P	0.98	0.21	1.07	-1.03	-0.45	0.59	0.75	0.61
Rodriguez, Jesus (Jesse)	0.35	-1.08	-1.32	0.27	0.58	0.19	0.15	-0.31
Veiga, Victor	0.21	-1.08	-1.47	-0.31	0.98	-1.09	-1.14	0.33
MAXIMUM	-1.89	2.16	1.60	2.81	-2.24	-1.91	2.52	2.62
MINIMUM	0.06	0.02	0.06	-0.14	0.01	0.03	0.15	0.15
RANGE(MAX-MIN)	-1.953	2.139	1.538	2.946	-2.253	-1.937	2.371	2.476
MEAN	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
STANDARD DEVIATION	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
N SIZE	13.000							

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Part ID= B1 - SQUARE CUT

Rated Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	G1TOT	G2TOT	G3TOT	G4TOT	L2TOT	L3TOT	L4TOT	TGF
Aguirre, Nancy P	42.32	3.45	0.25	0.27	6.47	0.36	0.36	50.00
Alvernaz, Jack	58.02	4.48	0.52	0.57	8.81	0.50	0.55	50.00
Barrera, Tony	47.28	3.55	0.20	0.22	6.47	0.30	0.30	43.00
Clare, Jamie	52.98	1.18	0.34	0.51	6.17	0.49	0.58	65.00
Cumberworth, Lee	39.46	3.87	0.13	0.23	8.10	0.30	0.26	45.00
Ellis, Paul	84.56	2.19	0.40	0.44	8.13	0.60	0.60	92.00
Fujita, Hirokazu	52.12	6.07	0.58	0.65	5.93	0.80	0.80	61.00
Guo, Feng	53.62	4.97	0.20	0.50	5.57	0.40	0.40	62.00
Hurst, Kevin R.	54.62	3.44	0.20	0.27	9.98	0.20	0.25	54.00
Kraemer, Vernon	46.59	3.26	0.10	0.21	6.53	0.20	0.20	38.00
Langford, Mike	54.53	4.07	0.20	0.22	6.79	0.20	0.30	54.00
Liong, Samuel	50.18	4.95	0.37	0.20	7.86	0.20	0.26	46.00
Lowsky, John	39.99	2.03	0.00	0.10	5.10	0.00	0.08	51.00
Parvaz, Ibrar	51.14	5.06	0.54	0.51	6.85	0.20	0.21	56.00
Reese, Kyle	53.93	4.39	0.26	0.30	3.72	0.20	0.50	66.00
Sanchez, Arthur	52.87	2.11	0.30	0.22	7.21	0.20	0.20	58.00
Terrado, Ken	53.38	4.42	0.19	0.19	8.78	0.18	0.26	55.00
Veiga, Victor	50.97	3.37	0.12	0.12	9.06	0.10	0.10	47.00
Viera, Ralph B.	54.76	4.05	0.22	0.17	7.34	0.20	0.34	64.00
MAXIMUM	84.56	6.07	0.58	0.65	9.98	0.80	0.80	92.00
MINIMUM	39.46	1.18	0.00	0.10	3.72	0.00	0.08	38.00
RANGE(MAX-MIN)	45.100	4.890	0.580	0.550	6.260	0.800	0.720	54.000
MEAN	52.280	3.732	0.269	0.311	7.098	0.296	0.345	55.632
STANDARD DEVIATION	9.362	1.223	0.156	0.164	1.525	0.191	0.186	11.796
N SIZE	19.000							

Part ID= B1 - SQUARE CUT

B1 YI Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	G1TOT	G2TOT	G3TOT	G4TOT	L2TOT	L3TOT	L4TOT	TGF
Aguirre, Nancy P	-1.06	-0.23	-0.13	-0.25	-0.41	0.33	0.08	-0.48
Alvernaz, Jack	0.61	0.61	1.61	1.58	1.12	1.07	1.10	-0.48
Barrera, Tony	-0.53	-0.15	-0.45	-0.55	-0.41	0.02	-0.24	-1.07
Clare, Jamie	0.07	-2.09	0.45	1.21	-0.61	1.02	1.27	0.79
Cumberworth, Lee	-1.37	0.11	-0.90	-0.49	0.66	0.02	-0.46	-0.90
Ellis, Paul	3.45	-1.26	0.84	0.79	0.68	1.59	1.37	3.08
Fujita, Hirokazu	-0.02	1.91	1.99	2.06	-0.77	2.64	2.45	0.46
Guo, Feng	0.14	1.01	-0.45	1.15	-1.00	0.54	0.30	0.54
Hurst, Kevin R.	0.25	-0.24	-0.45	-0.25	1.89	-0.51	-0.51	-0.14
Kraemer, Vernon	-0.61	-0.39	-1.09	-0.61	-0.37	-0.51	-0.78	-1.49
Langford, Mike	0.24	0.28	-0.45	-0.55	-0.20	-0.51	-0.24	-0.14
Liong, Samuel	-0.22	1.00	0.65	-0.67	0.50	-0.51	-0.46	-0.82
Lowsky, John	-1.31	-1.39	-1.73	-1.28	-1.31	-1.55	-1.42	-0.39
Parvaz, Ibrar	-0.12	1.09	1.74	1.21	-0.16	-0.51	-0.72	0.03
Reese, Kyle	0.18	0.54	-0.06	-0.06	-2.22	-0.51	0.84	0.88
Sanchez, Arthur	0.06	-1.33	0.20	-0.55	0.07	-0.51	-0.78	0.20
Terrado, Ken	0.12	0.56	-0.51	-0.73	1.10	-0.61	-0.46	-0.05
Veiga, Victor	-0.14	-0.30	-0.96	-1.16	1.29	-1.03	-1.32	-0.73
Viera, Ralph B.	0.26	0.26	-0.32	-0.85	0.16	-0.51	-0.03	0.71
MAXIMUM	3.45	-2.09	1.99	2.06	-2.22	2.64	2.45	3.08
MINIMUM	-0.02	0.11	-0.06	-0.06	0.07	0.02	-0.03	0.03
RANGE(MAX-MIN)	3.465	-2.200	2.054	2.129	-2.288	2.624	2.475	3.052
MEAN	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
STANDARD DEVIATION	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
N SIZE	19.000							

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Part ID= B1 - SQUARE CUT

Rated Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	G1TOT	G2TOT	G3TOT	G4TOT	L2TOT	L3TOT	L4TOT	TGF
Aguirre, Nancy P	42.32	3.45	0.25	0.27	6.47	0.36	0.36	50.00
Alvernaz, Jack	58.02	4.48	0.52	0.57	8.81	0.50	0.55	50.00
Barrera, Tony	47.28	3.55	0.20	0.22	6.47	0.30	0.30	43.00
Clare, Jamie	52.98	1.18	0.34	0.51	6.17	0.49	0.58	65.00
Cumberworth, Lee	39.46	3.87	0.13	0.23	8.10	0.30	0.26	45.00
Fujita, Hirokazu	52.12	6.07	0.58	0.65	5.93	0.80	0.80	61.00
Guo, Feng	53.62	4.97	0.20	0.50	5.57	0.40	0.40	62.00
Hurst, Kevin R.	54.62	3.44	0.20	0.27	9.98	0.20	0.25	54.00
Kraemer, Vernon	46.59	3.26	0.10	0.21	6.53	0.20	0.20	38.00
Langford, Mike	54.53	4.07	0.20	0.22	6.79	0.20	0.30	54.00
Liong, Samuel	50.18	4.95	0.37	0.20	7.86	0.20	0.26	46.00
Lowsky, John	39.99	2.03	0.00	0.10	5.10	0.00	0.08	51.00
Parvaz, Ibrar	51.14	5.06	0.54	0.51	6.85	0.20	0.21	56.00
Reese, Kyle	53.93	4.39	0.26	0.30	3.72	0.20	0.50	66.00
Sanchez, Arthur	52.87	2.11	0.30	0.22	7.21	0.20	0.20	58.00
Terrado, Ken	53.38	4.42	0.19	0.19	8.78	0.18	0.26	55.00
Veiga, Victor	50.97	3.37	0.12	0.12	9.06	0.10	0.10	47.00
Viera, Ralph B.	54.76	4.05	0.22	0.17	7.34	0.20	0.34	64.00
MAXIMUM	58.02	6.07	0.58	0.65	9.98	0.80	0.80	66.00
MINIMUM	39.46	1.18	0.00	0.10	3.72	0.00	0.08	38.00
RANGE(MAX-MIN)	18.560	4.890	0.580	0.550	6.260	0.800	0.720	28.000
MEAN	50.487	3.818	0.262	0.303	7.041	0.279	0.331	53.611
STANDARD DEVIATION	5.301	1.198	0.157	0.166	1.548	0.181	0.180	8.074
N SIZE	18.000							

Part ID= B1 - SQUARE CUT

B1 YI Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	G1TOT	G2TOT	G3TOT	G4TOT	L2TOT	L3TOT	L4TOT	TGF
Aguirre, Nancy P	-1.54	-0.31	-0.08	-0.20	-0.37	0.45	0.16	-0.45
Alvernaz, Jack	1.42	0.55	1.64	1.61	1.14	1.22	1.22	-0.45
Barrera, Tony	-0.60	-0.22	-0.40	-0.50	-0.37	0.11	-0.17	-1.31
Clare, Jamie	0.47	-2.20	0.50	1.24	-0.56	1.16	1.38	1.41
Cumberworth, Lee	-2.08	0.04	-0.84	-0.44	0.68	0.11	-0.39	-1.07
Fujita, Hirokazu	0.31	1.88	2.02	2.09	-0.72	2.88	2.60	0.92
Guo, Feng	0.59	0.96	-0.40	1.18	-0.95	0.67	0.39	1.04
Hurst, Kevin R.	0.78	-0.32	-0.40	-0.20	1.90	-0.44	-0.45	0.05
Kraemer, Vernon	-0.74	-0.47	-1.03	-0.56	-0.33	-0.44	-0.72	-1.93
Langford, Mike	0.76	0.21	-0.40	-0.50	-0.16	-0.44	-0.17	0.05
Liong, Samuel	-0.06	0.94	0.69	-0.62	0.53	-0.44	-0.39	-0.94
Lowsky, John	-1.98	-1.49	-1.67	-1.22	-1.25	-1.54	-1.39	-0.32
Parvaz, Ibrar	0.12	1.04	1.77	1.24	-0.12	-0.44	-0.67	0.30
Reese, Kyle	0.65	0.48	-0.01	-0.02	-2.15	-0.44	0.94	1.53
Sanchez, Arthur	0.45	-1.43	0.24	-0.50	0.11	-0.44	-0.72	0.54
Terrado, Ken	0.55	0.50	-0.46	-0.68	1.12	-0.55	-0.39	0.17
Veiga, Victor	0.09	-0.37	-0.91	-1.10	1.30	-0.99	-1.28	-0.82
Viera, Ralph B.	0.81	0.19	-0.27	-0.80	0.19	-0.44	0.05	1.29
MAXIMUM	-2.08	-2.20	2.02	2.09	-2.15	2.88	2.60	-1.93
MINIMUM	-0.06	0.04	-0.01	-0.02	0.11	0.11	0.05	0.05
RANGE(MAX-MIN)	-2.022	-2.245	2.038	2.108	-2.254	2.764	2.550	-1.982
MEAN	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
STANDARD DEVIATION	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
N SIZE	18.000							

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Part ID= B2 - KEYSTONE

Rated Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	G1TOT	G2TOT	G3TOT	USTOT	L1TOT	L2TOT	L3TOT	UCTOT	TGF	2ndGF	TLHC	TLFC
Aguirre, Nancy P	26.00	53.50	0.61	0.50	2.35	34.54	2.13	0.43	5.00	62.00	0.00	0.00
Alvernaz, Jack	30.73	64.00	1.15	0.70	3.47	52.66	3.39	3.05	15.00	76.00	0.00	0.00
Barrera, Tony	25.00	26.50	0.49	0.19	4.39	38.35	2.23	0.46	10.00	33.00	0.00	0.00
Clare, Jamie	22.50	32.50	0.59	0.65	3.95	37.30	3.61	0.23	25.00	25.00	0.00	0.00
Ellis, Paul	27.50	25.75	0.20	0.16	1.58	70.00	2.11	0.10	25.00	25.00	0.00	2.00
Fujita, Hirokazu	27.04	43.75	3.37	0.76	3.50	34.30	4.88	1.45	3.60	87.00	0.00	0.00
Guo, Feng	26.75	56.50	0.50	0.23	3.15	37.75	2.61	1.16	21.00	75.00	0.00	1.00
Hurst, Kevin R.	29.00	25.00	1.02	0.54	4.31	47.86	3.41	1.29	21.00	23.00	0.00	0.00
Kraemer, Vernon	25.50	27.25	0.46	0.14	4.17	40.12	2.33	0.43	8.00	28.00	0.00	0.00
Liong, Samuel	24.76	27.25	1.13	0.73	2.60	42.83	2.59	2.23	14.00	9.00	0.00	0.00
Lowsky, John	28.50	37.00	0.62	0.28	2.24	39.04	1.81	1.12	30.00	37.00	0.00	0.00
May, Marianne	27.50	28.00	0.29	0.11	2.80	37.29	1.50	0.19	10.00	23.00	0.00	0.00
Parvaz, Ibrar	30.00	26.50	0.44	0.52	2.79	41.78	2.19	0.43	10.00	8.00	0.00	0.00
Reese, Kyle	30.00	66.25	0.84	0.61	2.52	42.52	1.99	2.42	5.00	60.00	0.00	0.00
Sanchez, Arthur	28.50	51.25	0.44	0.37	2.88	41.77	2.41	0.42	26.00	75.00	0.00	0.00
Viera, Ralph B.	27.25	27.25	0.53	0.29	5.35	42.34	2.14	0.87	7.00	50.00	0.00	0.00
MAXIMUM	30.73	66.25	0.37	0.76	5.35	70.00	4.88	3.05	30.00	87.00	0.00	2.00
MINIMUM	22.50	25.00	0.20	0.11	1.58	34.30	1.50	0.10	3.60	8.00	0.00	0.00
RANGE(MAX-MIN)	8.230	41.250	3.170	0.650	3.770	35.700	3.380	2.950	26.400	79.000	0.000	2.000
MEAN	27.283	38.641	0.793	0.424	3.253	42.528	2.583	1.018	14.725	43.500	0.000	0.188
STANDARD DEVIATION	2.195	14.878	0.742	0.228	0.980	8.686	0.848	0.884	8.702	25.766	0.000	0.544
N SIZE	16.000											

Part ID= B2 - KEYSTONE

B2 YI Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	G1TOT	G2TOT	G3TOT	USTOT	L1TOT	L2TOT	L3TOT	UCTOT	TGF	2ndGF	TLHC	TLFC
Aguirre, Nancy P	-0.58	1.00	-0.25	0.33	-0.92	-0.92	-0.53	-0.66	-1.12	0.72	0.00	-0.34
Alvernaz, Jack	1.57	1.70	0.48	1.21	0.22	1.17	0.95	2.30	0.03	1.26	0.00	-0.34
Barrera, Tony	-1.04	-0.82	-0.41	-1.03	1.16	-0.48	-0.42	-0.63	-0.54	-0.41	0.00	-0.34
Clare, Jamie	-2.18	-0.41	-0.27	0.99	0.71	-0.60	1.21	-0.89	1.18	-0.72	0.00	-0.34
Ellis, Paul	0.10	-0.87	-0.80	-1.16	-1.71	3.16	-0.56	-1.04	1.18	-0.72	0.00	3.33
Fujita, Hirokazu	-0.11	0.34	3.48	1.47	0.25	-0.95	2.71	0.49	-1.28	1.69	0.00	-0.34
Guo, Feng	-0.24	1.20	-0.39	-0.85	-0.11	-0.55	0.03	0.16	0.72	1.22	0.00	1.49
Hurst, Kevin R.	0.78	-0.92	0.31	0.51	1.08	0.61	0.98	0.31	0.72	-0.80	0.00	-0.34
Kraemer, Vernon	-0.81	-0.77	-0.45	-1.24	0.94	-0.28	-0.30	-0.66	-0.77	-0.60	0.00	-0.34
Liong, Samuel	-1.15	-0.77	0.46	1.34	-0.67	0.03	0.01	1.37	-0.08	-1.34	0.00	-0.34
Lowsky, John	0.55	-0.11	-0.23	-0.63	-1.03	-0.40	-0.91	0.12	1.76	-0.25	0.00	-0.34
May, Marianne	0.10	-0.72	-0.68	-1.38	-0.46	-0.60	-1.28	-0.94	-0.54	-0.80	0.00	-0.34
Parvaz, Ibrar	1.24	-0.82	-0.48	0.42	-0.47	-0.09	-0.46	-0.66	-0.54	-1.38	0.00	-0.34
Reese, Kyle	1.24	1.86	0.06	0.82	-0.75	0.00	-0.70	1.59	-1.12	0.64	0.00	-0.34
Sanchez, Arthur	0.55	0.85	-0.48	-0.24	-0.38	-0.09	-0.20	-0.68	1.30	1.22	0.00	-0.34
Viera, Ralph B.	-0.02	-0.77	-0.35	-0.59	2.14	-0.02	-0.52	-0.17	-0.89	0.25	0.00	-0.34
MAXIMUM	-2.18	1.86	3.48	1.47	2.14	3.16	2.71	2.30	1.76	1.69	0.00	3.33
MINIMUM	-0.02	-0.11	0.06	-0.24	-0.11	0.00	0.01	0.12	0.03	-0.25	0.00	-0.34
RANGE(MAX-MIN)	-2.164	1.966	3.411	1.711	2.244	3.164	2.700	2.182	1.724	1.941	0.000	3.677
MEAN	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
STANDARD DEVIATION	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	0.000	1.000
N SIZE	16.000											

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Part ID= B2 - KEYSTONE

Rated Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	G1TOT	G2TOT	G3TOT	USTOT	L1TOT	L2TOT	L3TOT	UCTOT	TGF	2ndGF	TLHC	TLFC
Aguirre, Nancy P	26.00	53.50	0.61	0.50	2.35	34.54	2.13	0.43	5.00	62.00	0.00	0.00
Alvernaz, Jack	30.73	64.00	1.15	0.70	3.47	52.66	3.39	3.05	15.00	76.00	0.00	0.00
Barrera, Tony	25.00	26.50	0.49	0.19	4.39	38.35	2.23	0.46	10.00	33.00	0.00	0.00
Clare, Jamie	22.50	32.50	0.59	0.65	3.95	37.30	3.61	0.23	25.00	25.00	0.00	0.00
Guo, Feng	26.75	56.50	0.50	0.23	3.15	37.75	2.61	1.16	21.00	75.00	0.00	1.00
Hurst, Kevin R.	29.00	25.00	1.02	0.54	4.31	47.86	3.41	1.29	21.00	23.00	0.00	0.00
Kraemer, Vernon	25.50	27.25	0.46	0.14	4.17	40.12	2.33	0.43	8.00	28.00	0.00	0.00
Liong, Samuel	24.76	27.25	1.13	0.73	2.60	42.83	2.59	2.23	14.00	9.00	0.00	0.00
Lowsky, John	28.50	37.00	0.62	0.28	2.24	39.04	1.81	1.12	30.00	37.00	0.00	0.00
May, Marianne	27.50	28.00	0.29	0.11	2.80	37.29	1.50	0.19	10.00	23.00	0.00	0.00
Parvaz, Ibrar	30.00	26.50	0.44	0.52	2.79	41.78	2.19	0.43	10.00	8.00	0.00	0.00
Reese, Kyle	30.00	66.25	0.84	0.61	2.52	42.52	1.99	2.42	5.00	60.00	0.00	0.00
Sanchez, Arthur	28.50	51.25	0.44	0.37	2.88	41.77	2.41	0.42	26.00	75.00	0.00	0.00
Viera, Ralph B.	27.25	27.25	0.53	0.29	5.35	42.34	2.14	0.87	7.00	50.00	0.00	0.00
MAXIMUM	30.73	66.25	1.15	0.73	5.35	52.66	3.61	3.05	30.00	76.00	0.00	1.00
MINIMUM	22.50	25.00	0.29	0.11	2.24	34.54	1.50	0.19	5.00	8.00	0.00	0.00
RANGE(MAX-MIN)	8.230	41.250	0.860	0.620	3.110	18.120	2.110	2.860	25.000	68.000	0.000	1.000
MEAN	27.285	39.196	0.651	0.419	3.355	41.154	2.453	1.052	14.786	41.714	0.000	0.071
STANDARD DEVIATION	2.356	15.501	0.274	0.214	0.937	4.664	0.623	0.907	8.350	24.304	0.000	0.267
N SIZE	14.000											

Part ID= B2 - KEYSTONE

B2 YI Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	G1TOT	G2TOT	G3TOT	USTOT	L1TOT	L2TOT	L3TOT	UCTOT	TGF	2ndGF	TLHC	TLFC
Aguirre, Nancy P	-0.55	0.92	-0.15	0.38	-1.07	-1.42	-0.52	-0.69	-1.17	0.83	0.00	-0.27
Alvernaz, Jack	1.46	1.60	1.82	1.31	0.12	2.47	1.50	2.20	0.03	1.41	0.00	-0.27
Barrera, Tony	-0.97	-0.82	-0.59	-1.07	1.10	-0.60	-0.36	-0.65	-0.57	-0.36	0.00	-0.27
Clare, Jamie	-2.03	-0.43	-0.22	1.08	0.64	-0.83	1.86	-0.91	1.22	-0.69	0.00	-0.27
Guo, Feng	-0.23	1.12	-0.55	-0.88	-0.22	-0.73	0.25	0.12	0.74	1.37	0.00	3.47
Hurst, Kevin R.	0.73	-0.92	1.35	0.57	1.02	1.44	1.54	0.26	0.74	-0.77	0.00	-0.27
Kraemer, Vernon	-0.76	-0.77	-0.70	-1.30	0.87	-0.22	-0.20	-0.69	-0.81	-0.56	0.00	-0.27
Liong, Samuel	-1.07	-0.77	1.75	1.45	-0.81	0.36	0.22	1.30	-0.09	-1.35	0.00	-0.27
Lowsky, John	0.52	-0.14	-0.11	-0.65	-1.19	-0.45	-1.03	0.07	1.82	-0.19	0.00	-0.27
May, Marianne	0.09	-0.72	-1.32	-1.44	-0.59	-0.83	-1.53	-0.95	-0.57	-0.77	0.00	-0.27
Parvaz, Ibrar	1.15	-0.82	-0.77	0.47	-0.60	0.13	-0.42	-0.69	-0.57	-1.39	0.00	-0.27
Reese, Kyle	1.15	1.75	0.69	0.89	-0.89	0.29	-0.74	1.51	-1.17	0.75	0.00	-0.27
Sanchez, Arthur	0.52	0.78	-0.77	-0.23	-0.51	0.13	-0.07	-0.70	1.34	1.37	0.00	-0.27
Viera, Ralph B.	-0.01	-0.77	-0.44	-0.60	2.13	0.25	-0.50	-0.20	-0.93	0.34	0.00	-0.27
MAXIMUM	-2.03	1.75	1.82	1.45	2.13	2.47	1.86	2.20	1.82	1.41	0.00	3.47
MINIMUM	-0.01	-0.14	-0.11	-0.23	0.12	0.13	-0.07	0.07	0.03	-0.19	0.00	-0.27
RANGE(MAX-MIN)	-2.016	1.887	1.934	1.680	2.007	2.335	1.925	2.129	1.796	1.605	0.000	3.742
MEAN	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
STANDARD DEVIATION	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	0.000	1.000
N SIZE	14.000											

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Part ID= B3 - C13-STYLE

Rated Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	G1TOT	G2TOT	G3TOT	L1TOT	L2TOT	L3TOT	L4TOT
Barrera, Tony	28.68	10.14	2.27	16.75	17.80	2.77	1.69
Clare, Jamie	35.50	8.13	1.95	18.20	17.65	2.28	2.05
Ellis, Paul	76.07	9.26	2.10	17.06	35.38	2.15	2.20
Guo, Feng	41.04	9.56	1.98	16.36	19.03	1.83	0.50
Hurst, Kevin R.	43.53	11.84	3.02	17.68	19.47	2.72	1.54
Liong, Samuel	44.09	9.54	3.16	18.73	21.44	2.91	2.14
Lowsky, John	40.28	6.11	1.90	15.35	17.20	1.82	0.75
Parvaz, Ibrar	34.84	10.12	2.83	20.69	24.36	2.36	1.60
Reese, Kyle	47.00	9.21	1.84	9.04	30.71	1.34	0.34
Sanchez, Arthur	56.94	8.57	0.88	13.98	23.74	1.63	0.95
Terrado, Ken	41.55	10.77	3.14	21.53	24.41	3.76	2.24
Viera, Ralph B.	38.63	18.83	2.96	18.51	17.39	3.63	2.67
MAXIMUM	76.07	18.83	3.16	21.53	35.38	3.76	2.67
MINIMUM	28.68	6.11	0.88	9.04	17.20	1.34	0.34
RANGE(MAX-MIN)	47.390	12.720	2.280	12.490	18.180	2.420	2.330
MEAN	44.013	10.173	2.336	16.990	22.382	2.433	1.556
STANDARD DEVIATION	12.260	3.073	0.695	3.261	5.752	0.757	0.759
N SIZE	12.000						

Part ID= B3 - C13-STYLE

B3 YI Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	G1TOT	G2TOT	G3TOT	L1TOT	L2TOT	L3TOT	L4TOT
Barrera, Tony	-1.25	-0.01	-0.09	-0.07	-0.80	0.44	0.18
Clare, Jamie	-0.69	-0.66	-0.55	0.37	-0.82	-0.20	0.65
Ellis, Paul	2.61	-0.30	-0.34	0.02	2.26	-0.37	0.85
Guo, Feng	-0.24	-0.20	-0.51	-0.19	-0.58	-0.80	-1.39
Hurst, Kevin R.	-0.04	0.54	0.98	0.21	-0.51	0.38	-0.02
Liong, Samuel	0.01	-0.21	1.19	0.53	-0.16	0.63	0.77
Lowsky, John	-0.30	-1.32	-0.63	-0.50	-0.90	-0.81	-1.06
Parvaz, Ibrar	-0.75	-0.02	0.71	1.13	0.34	-0.10	0.06
Reese, Kyle	0.24	-0.31	-0.71	-2.44	1.45	-1.44	-1.60
Sanchez, Arthur	1.05	-0.52	-2.09	-0.92	0.24	-1.06	-0.80
Terrado, Ken	-0.20	0.19	1.16	1.39	0.35	1.75	0.90
Viera, Ralph B.	-0.44	2.82	0.90	0.47	-0.87	1.58	1.47
MAXIMUM	2.61	2.82	-2.09	-2.44	2.26	1.75	-1.60
MINIMUM	0.01	-0.01	-0.09	0.02	-0.16	-0.10	-0.02
RANGE(MAX-MIN)	2.608	2.828	-1.999	-2.459	2.424	1.849	-1.581
MEAN	0.000	0.000	0.000	0.000	0.000	0.000	0.000
STANDARD DEVIATION	1.000	1.000	1.000	1.000	1.000	1.000	1.000
N SIZE	12.000						

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Part ID= B3 - C13-STYLE

Rated Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	G1TOT	G2TOT	G3TOT	L1TOT	L2TOT	L3TOT	L4TOT
Barrera, Tony	28.68	10.14	2.27	16.75	17.80	2.77	1.69
Clare, Jamie	35.50	8.13	1.95	18.20	17.65	2.28	2.05
Ellis, Paul	76.07	9.26	2.10	17.06	35.38	2.15	2.20
Guo, Feng	41.04	9.56	1.98	16.36	19.03	1.83	0.50
Hurst, Kevin R.	43.53	11.84	3.02	17.68	19.47	2.72	1.54
Liong, Samuel	44.09	9.54	3.16	18.73	21.44	2.91	2.14
Lowsky, John	40.28	6.11	1.90	15.35	17.20	1.82	0.75
Parvaz, Ibrar	34.84	10.12	2.83	20.69	24.36	2.36	1.60
Reese, Kyle	47.00	9.21	1.84	9.04	30.71	1.34	0.34
Sanchez, Arthur	56.94	8.57	0.88	13.98	23.74	1.63	0.95
Terrado, Ken	41.55	10.77	3.14	21.53	24.41	3.76	2.24
MAXIMUM	76.07	11.84	3.16	21.53	35.38	3.76	2.24
MINIMUM	28.68	6.11	0.88	9.04	17.20	1.34	0.34
RANGE(MAX-MIN)	47.390	5.730	2.280	12.490	18.180	2.420	1.900
MEAN	44.502	9.386	2.279	16.852	22.835	2.325	1.455
STANDARD DEVIATION	12.735	1.487	0.700	3.383	5.803	0.689	0.706
N SIZE	11.000						

Part ID= B3 - C13-STYLE

B3 YI Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	G1TOT	G2TOT	G3TOT	L1TOT	L2TOT	L3TOT	L4TOT
Barrera, Tony	-1.24	0.51	-0.01	-0.03	-0.87	0.65	0.33
Clare, Jamie	-0.71	-0.84	-0.47	0.40	-0.89	-0.06	0.84
Ellis, Paul	2.48	-0.09	-0.26	0.06	2.16	-0.25	1.06
Guo, Feng	-0.27	0.12	-0.43	-0.15	-0.66	-0.72	-1.35
Hurst, Kevin R.	-0.08	1.65	1.06	0.24	-0.58	0.57	0.12
Liong, Samuel	-0.03	0.10	1.26	0.56	-0.24	0.85	0.97
Lowsky, John	-0.33	-2.20	-0.54	-0.44	-0.97	-0.73	-1.00
Parvaz, Ibrar	-0.76	0.49	0.79	1.13	0.26	0.05	0.21
Reese, Kyle	0.20	-0.12	-0.63	-2.31	1.36	-1.43	-1.58
Sanchez, Arthur	0.98	-0.55	-2.00	-0.85	0.16	-1.01	-0.71
Terrado, Ken	-0.23	0.93	1.23	1.38	0.27	2.08	1.11
MAXIMUM	2.48	-2.20	-2.00	-2.31	2.16	2.08	-1.58
MINIMUM	-0.03	-0.09	-0.01	-0.03	0.16	0.05	0.12
RANGE(MAX-MIN)	2.511	-2.118	-1.987	-2.279	2.006	2.033	-1.700
MEAN	0.000	0.000	0.000	0.000	0.000	0.000	0.000
STANDARD DEVIATION	1.000	1.000	1.000	1.000	1.000	1.000	1.000
N SIZE	11.000						

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Part ID= B4 - SQUARE CUT

Rated Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	G1TOT	G2TOT	G3TOT	G4TOT	L2TOT	L3TOT	L4TOT	TGF
Alvernaz, Jack	57.01	10.93	0.14	0.14	12.69	0.14	0.14	37.00
Barrera, Tony	46.80	9.15	0.20	0.17	10.08	0.30	0.30	55.00
Clare, Jamie	46.00	5.45	0.18	0.15	8.98	0.31	0.31	42.00
Ellis, Paul	93.50	4.06	0.60	0.90	9.83	0.10	0.10	95.00
Fujita, Hirokazu	57.25	8.14	0.50	0.24	9.18	0.70	0.50	52.50
Guo, Feng	56.54	9.28	0.20	0.20	8.93	0.50	0.50	53.00
Hurst, Kevin R.	55.25	9.37	0.20	0.25	11.97	0.20	0.20	55.00
Kobrinetz, Joaquin J.	51.54	9.23	0.10	0.09	10.02	0.15	0.15	48.00
Liong, Samuel	53.00	9.17	0.11	0.12	13.72	0.10	0.10	52.00
Lowsky, John	48.02	6.34	0.00	0.00	8.17	0.00	0.00	56.00
Parvaz, Ibrar	52.00	11.50	0.21	0.20	12.80	0.20	0.20	51.00
Reese, Kyle	56.25	9.68	0.12	0.12	7.63	0.13	0.30	40.00
Sanchez, Arthur	60.70	9.39	0.10	0.10	12.99	0.30	0.30	56.00
Terrado, Ken	56.25	7.10	0.17	0.16	13.81	0.25	0.18	40.00
Veiga, Victor	51.51	8.75	0.10	0.14	11.88	0.10	0.10	56.00
Viera, Ralph B.	49.28	9.32	0.07	0.05	11.40	0.20	0.35	52.00
MAXIMUM	93.50	11.50	0.60	0.90	13.81	0.70	0.50	95.00
MINIMUM	46.00	4.06	0.00	0.00	7.63	0.00	0.00	37.00
RANGE(MAX-MIN)	47.500	7.440	0.600	0.900	6.180	0.700	0.500	58.000
MEAN	55.681	8.554	0.188	0.189	10.880	0.230	0.233	52.531
STANDARD DEVIATION	10.920	1.938	0.154	0.200	2.020	0.172	0.142	13.017
N SIZE	16.000							

Part ID= B4 - SQUARE CUT

B4 YI Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	G1TOT	G2TOT	G3TOT	G4TOT	L2TOT	L3TOT	L4TOT	TGF
Alvernaz, Jack	0.12	1.23	-0.31	-0.25	0.90	-0.52	-0.65	-1.19
Barrera, Tony	-0.81	0.31	0.08	-0.10	-0.40	0.41	0.47	0.19
Clare, Jamie	-0.89	-1.60	-0.05	-0.20	-0.94	0.47	0.54	-0.81
Ellis, Paul	3.46	-2.32	2.69	3.55	-0.52	-0.76	-0.94	3.26
Fujita, Hirokazu	0.14	-0.21	2.03	0.25	-0.84	2.74	1.88	0.00
Guo, Feng	0.08	0.37	0.08	0.05	-0.97	1.57	1.88	0.04
Hurst, Kevin R.	-0.04	0.42	0.08	0.30	0.54	-0.17	-0.23	0.19
Kobrinetz, Joaquin J.	-0.38	0.35	-0.57	-0.50	-0.43	-0.47	-0.58	-0.35
Liong, Samuel	-0.25	0.32	-0.50	-0.35	1.41	-0.76	-0.94	-0.04
Lowsky, John	-0.70	-1.14	-1.22	-0.95	-1.34	-1.34	-1.64	0.27
Parvaz, Ibrar	-0.34	1.52	0.15	0.05	0.95	-0.17	-0.23	-0.12
Reese, Kyle	0.05	0.58	-0.44	-0.35	-1.61	-0.58	0.47	-0.96
Sanchez, Arthur	0.46	0.43	-0.57	-0.45	1.04	0.41	0.47	0.27
Terrado, Ken	0.05	-0.75	-0.11	-0.15	1.45	0.12	-0.37	-0.96
Veiga, Victor	-0.38	0.10	-0.57	-0.25	0.50	-0.76	-0.94	0.27
Viera, Ralph B.	-0.59	0.40	-0.77	-0.70	0.26	-0.17	0.82	-0.04
MAXIMUM	3.46	-2.32	2.69	3.55	-1.61	2.74	1.88	3.26
MINIMUM	-0.04	0.10	-0.05	0.05	0.26	0.12	-0.23	0.00
RANGE(MAX-MIN)	3.503	-2.420	2.734	3.495	-1.866	2.624	2.109	3.265
MEAN	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
STANDARD DEVIATION	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
N SIZE	16.000							

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Part ID= B4 - SQUARE CUT

Rated Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	G1TOT	G2TOT	G3TOT	G4TOT	I2TOT	I3TOT	I4TOT	TGF
Alvernaz, Jack	57.01	10.93	0.14	0.14	12.69	0.14	0.14	37.00
Barrera, Tony	46.80	9.15	0.20	0.17	10.08	0.30	0.30	55.00
Clare, Jamie	46.00	5.45	0.18	0.15	8.98	0.31	0.31	42.00
Fujita, Hirokazu	57.25	8.14	0.50	0.24	9.18	0.70	0.50	52.50
Guo, Feng	56.54	9.28	0.20	0.20	8.93	0.50	0.50	53.00
Hurst, Kevin R.	55.25	9.37	0.20	0.25	11.97	0.20	0.20	55.00
Kobrinetz, Joaquin J.	51.54	9.23	0.10	0.09	10.02	0.15	0.15	48.00
Liong, Samuel	53.00	9.17	0.11	0.12	13.72	0.10	0.10	52.00
Lowsky, John	48.02	6.34	0.00	0.00	8.17	0.00	0.00	56.00
Parvaz, Ibrar	52.00	11.50	0.21	0.20	12.80	0.20	0.20	51.00
Reese, Kyle	56.25	9.68	0.12	0.12	7.63	0.13	0.30	40.00
Sanchez, Arthur	60.70	9.39	0.10	0.10	12.99	0.30	0.30	56.00
Terrado, Ken	56.25	7.10	0.17	0.16	13.81	0.25	0.18	40.00
Veiga, Victor	51.51	8.75	0.10	0.14	11.88	0.10	0.10	56.00
Viera, Ralph B.	49.28	9.32	0.07	0.05	11.40	0.20	0.35	52.00
MAXIMUM	60.70	11.50	0.50	0.25	13.81	0.70	0.50	56.00
MINIMUM	46.00	5.45	0.00	0.00	7.63	0.00	0.00	37.00
RANGE(MAX-MIN)	14.700	6.050	0.500	0.250	6.180	0.700	0.500	19.000
MEAN	53.160	8.853	0.160	0.142	10.950	0.239	0.242	49.700
STANDARD DEVIATION	4.336	1.576	0.111	0.067	2.071	0.174	0.143	6.643
N SIZE	15.000							

Part ID= B4 - SQUARE CUT

B4 YI Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	G1TOT	G2TOT	G3TOT	G4TOT	I2TOT	I3TOT	I4TOT	TGF
Alvernaz, Jack	0.89	1.32	-0.18	-0.03	0.84	-0.57	-0.72	-1.91
Barrera, Tony	-1.47	0.19	0.36	0.42	-0.42	0.35	0.41	0.80
Clare, Jamie	-1.65	-2.16	0.18	0.12	-0.95	0.41	0.48	-1.16
Fujita, Hirokazu	0.94	-0.45	3.06	1.46	-0.85	2.65	1.81	0.42
Guo, Feng	0.78	0.27	0.36	0.86	-0.98	1.50	1.81	0.50
Hurst, Kevin R.	0.48	0.33	0.36	1.61	0.49	-0.22	-0.29	0.80
Kobrinetz, Joaquin J.	-0.37	0.24	-0.54	-0.77	-0.45	-0.51	-0.65	-0.26
Liong, Samuel	-0.04	0.20	-0.45	-0.33	1.34	-0.80	-1.00	0.35
Lowsky, John	-1.19	-1.59	-1.44	-2.11	-1.34	-1.37	-1.70	0.95
Parvaz, Ibrar	-0.27	1.68	0.45	0.86	0.89	-0.22	-0.29	0.20
Reese, Kyle	0.71	0.52	-0.36	-0.33	-1.60	-0.63	0.41	-1.46
Sanchez, Arthur	1.74	0.34	-0.54	-0.62	0.99	0.35	0.41	0.95
Terrado, Ken	0.71	-1.11	0.09	0.27	1.38	0.07	-0.43	-1.46
Veiga, Victor	-0.38	-0.07	-0.54	-0.03	0.45	-0.80	-1.00	0.95
Viera, Ralph B.	-0.89	0.30	-0.81	-1.37	0.22	-0.22	0.76	0.35
MAXIMUM	1.74	-2.16	3.06	-2.11	-1.60	2.65	1.81	-1.91
MINIMUM	-0.04	-0.07	0.09	-0.03	0.22	0.07	-0.29	0.20
RANGE(MAX-MIN)	1.776	-2.094	2.974	-2.083	-1.821	2.588	2.104	-2.107
MEAN	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
STANDARD DEVIATION	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
N SIZE	15.000							

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Part ID= B5 - SEQUENCE III

Rated Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	UCTOT	THTOT	ATTOT
Alvernaz, Jack	6.48	25.75	2.12	34.75	22.52	5.35	0.37	0.28
Barrera, Tony	6.63	25.75	1.26	32.50	22.69	4.82	0.24	0.09
Clare, Jamie	6.04	25.00	1.98	40.00	21.73	5.65	0.38	0.38
Ellis, Paul	5.65	25.00	0.88	30.25	23.40	6.80	0.60	0.70
Fujita, Hirokazu	13.44	25.00	1.89	26.50	20.34	5.25	0.68	0.60
Guo, Feng	7.60	26.50	1.81	35.50	22.95	5.50	0.14	0.14
Hurst, Kevin R.	7.59	25.75	1.35	29.50	22.45	5.73	0.15	0.15
Kraemer, Vernon	5.82	26.50	1.18	36.25	21.97	4.97	0.23	0.08
Liong, Samuel	6.81	26.50	1.60	34.43	21.30	6.50	0.28	0.24
Lowsky, John	91.75	25.00	1.29	34.00	21.04	4.48	0.01	0.01
May, Marianne	8.28	25.00	1.10	33.25	22.06	5.50	0.14	0.05
Parvaz, Ibrar	6.30	28.00	1.39	34.00	23.54	5.54	0.20	0.20
Reese, Kyle	7.32	73.75	2.88	73.75	17.89	5.65	0.19	0.20
Sanchez, Arthur	5.39	25.00	1.26	43.00	22.77	5.00	0.32	0.34
Terrado, Ken	5.26	24.52	1.25	37.00	22.02	6.00	0.27	0.18
Veiga, Victor	9.02	25.00	1.16	43.00	22.37	5.13	0.12	0.10
Viera, Ralph B.	5.36	25.00	1.25	28.75	22.47	5.53	0.12	0.05
MAXIMUM	91.75	73.75	2.88	73.75	23.54	6.80	0.68	0.70
MINIMUM	5.26	24.52	0.88	26.50	17.89	4.48	0.01	0.01
RANGE(MAX-MIN)	86.490	49.230	2.000	47.250	5.650	2.320	0.670	0.690
MEAN	12.044	28.413	1.509	36.849	21.971	5.494	0.261	0.223
STANDARD DEVIATION	20.633	11.716	0.491	10.542	1.329	0.575	0.172	0.191
N SIZE	17.000							

Part ID= B5 - SEQUENCE III

B5 Y1 Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	UCTOT	THTOT	ATTOT
Alvernaz, Jack	-0.27	-0.23	1.24	-0.20	0.41	-0.25	0.63	0.30
Barrera, Tony	-0.26	-0.23	-0.51	-0.41	0.54	-1.17	-0.12	-0.70
Clare, Jamie	-0.29	-0.29	0.96	0.30	-0.18	0.27	0.69	0.82
Ellis, Paul	-0.31	-0.29	-1.28	-0.63	1.08	2.27	1.97	2.49
Fujita, Hirokazu	0.07	-0.29	0.78	-0.98	-1.23	-0.42	2.43	1.97
Guo, Feng	-0.22	-0.16	0.61	-0.13	0.74	0.01	-0.70	-0.43
Hurst, Kevin R.	-0.22	-0.23	-0.32	-0.70	0.36	0.41	-0.65	-0.38
Kraemer, Vernon	-0.30	-0.16	-0.67	-0.06	0.00	-0.91	-0.18	-0.75
Liong, Samuel	-0.25	-0.16	0.19	-0.23	-0.51	1.75	0.11	0.09
Lowsky, John	3.86	-0.29	-0.45	-0.27	-0.70	-1.76	-1.46	-1.11
May, Marianne	-0.18	-0.29	-0.83	-0.34	0.07	0.01	-0.70	-0.90
Parvaz, Ibrar	-0.28	-0.04	-0.24	-0.27	1.18	0.08	-0.36	-0.12
Reese, Kyle	-0.23	3.87	2.79	3.50	-3.07	0.27	-0.41	-0.12
Sanchez, Arthur	-0.32	-0.29	-0.51	0.58	0.60	-0.86	0.34	0.61
Terrado, Ken	-0.33	-0.33	-0.53	0.01	0.04	0.88	0.05	-0.22
Veiga, Victor	-0.15	-0.29	-0.71	0.58	0.30	-0.63	-0.82	-0.64
Viera, Ralph B.	-0.32	-0.29	-0.53	-0.77	0.38	0.06	-0.82	-0.90
MAXIMUM	3.86	3.87	2.79	3.50	-3.07	2.27	2.43	2.49
MINIMUM	0.07	-0.04	0.19	0.01	0.00	0.01	0.05	0.09
RANGE(MAX-MIN)	3.795	3.905	2.607	3.486	-3.070	2.260	2.380	2.405
MEAN	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
STANDARD DEVIATION	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
N SIZE	17.000							

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Part ID= B5 - SEQUENCE III

Rated Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	G1TOT	G2TOT	G3TOT	I2TOT	I3TOT	UCTOT	THIOT	ATTOT
Alvernaz, Jack	6.48	25.75	2.12	34.75	22.52	5.35	0.37	0.28
Barrera, Tony	6.63	25.75	1.26	32.50	22.69	4.82	0.24	0.09
Clare, Jamie	6.04	25.00	1.98	40.00	21.73	5.65	0.38	0.38
Ellis, Paul	5.65	25.00	0.88	30.25	23.40	6.80	0.60	0.70
Fujita, Hirokazu	13.44	25.00	1.89	26.50	20.34	5.25	0.68	0.60
Guo, Feng	7.60	26.50	1.81	35.50	22.95	5.50	0.14	0.14
Hurst, Kevin R.	7.59	25.75	1.35	29.50	22.45	5.73	0.15	0.15
Kraemer, Vernon	5.82	26.50	1.18	36.25	21.97	4.97	0.23	0.08
Liong, Samuel	6.81	26.50	1.60	34.43	21.30	6.50	0.28	0.24
May, Marianne	8.28	25.00	1.10	33.25	22.06	5.50	0.14	0.05
Parvaz, Ibrar	6.30	28.00	1.39	34.00	23.54	5.54	0.20	0.20
Sanchez, Arthur	5.39	25.00	1.26	43.00	22.77	5.00	0.32	0.34
Terrado, Ken	5.26	24.52	1.25	37.00	22.02	6.00	0.27	0.18
Veiga, Victor	9.02	25.00	1.16	43.00	22.37	5.13	0.12	0.10
Viera, Ralph B.	5.36	25.00	1.25	28.75	22.47	5.53	0.12	0.05
MAXIMUM	13.44	28.00	2.12	43.00	23.54	6.80	0.68	0.70
MINIMUM	5.26	24.52	0.88	26.50	20.34	4.82	0.12	0.05
RANGE(MAX-MIN)	8.180	3.480	1.240	16.500	3.200	1.980	0.560	0.650
MEAN	7.045	25.618	1.432	34.579	22.305	5.551	0.283	0.239
STANDARD DEVIATION	2.092	0.923	0.363	4.862	0.804	0.547	0.169	0.196
N SIZE	15.000							

Part ID= B5 - SEQUENCE III

B5 YI Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	G1TOT	G2TOT	G3TOT	I2TOT	I3TOT	UCTOT	THIOT	ATTOT
Alvernaz, Jack	-0.27	0.14	1.90	0.04	0.27	-0.37	0.52	0.21
Barrera, Tony	-0.20	0.14	-0.47	-0.43	0.48	-1.34	-0.25	-0.76
Clare, Jamie	-0.48	-0.67	1.51	1.12	-0.72	0.18	0.58	0.72
Ellis, Paul	-0.67	-0.67	-1.52	-0.89	1.36	2.28	1.88	2.36
Fujita, Hirokazu	3.06	-0.67	1.26	-1.66	-2.44	-0.55	2.35	1.85
Guo, Feng	0.27	0.96	1.04	0.19	0.80	-0.09	-0.84	-0.50
Hurst, Kevin R.	0.26	0.14	-0.23	-1.04	0.18	0.33	-0.79	-0.45
Kraemer, Vernon	-0.59	0.96	-0.70	0.34	-0.42	-1.06	-0.31	-0.81
Liong, Samuel	-0.11	0.96	0.46	-0.03	-1.25	1.73	-0.02	0.01
May, Marianne	0.59	-0.67	-0.92	-0.27	-0.31	-0.09	-0.84	-0.96
Parvaz, Ibrar	-0.36	2.58	-0.12	-0.12	1.53	-0.02	-0.49	-0.20
Sanchez, Arthur	-0.79	-0.67	-0.47	1.73	0.58	-1.01	0.22	0.52
Terrado, Ken	-0.85	-1.19	-0.50	0.50	-0.35	0.82	-0.07	-0.30
Veiga, Victor	0.94	-0.67	-0.75	1.73	0.08	-0.77	-0.96	-0.71
Viera, Ralph B.	-0.81	-0.67	-0.50	-1.20	0.20	-0.04	-0.96	-0.96
MAXIMUM	3.06	2.58	1.90	1.73	-2.44	2.28	2.35	2.36
MINIMUM	-0.11	0.14	-0.12	-0.03	0.08	-0.02	-0.02	0.01
RANGE(MAX-MIN)	3.170	2.437	2.013	1.763	-2.524	2.302	2.367	2.352
MEAN	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
STANDARD DEVIATION	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
N SIZE	15.000							

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Part ID= B6 - ARTICULATED 2-PIECE

Rated Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	G1TOT	G2TOT	G3TOT	OCTOT	L1TOT	L2TOT	L3TOT	L4TOT	TGF	2ndGF	TLHC	TLEC
Alvernaz, Jack	40.87	15.18	2.07	6.60	34.00	11.03	2.70	0.89	15.00	2.50	12.00	1.00
Barrera, Tony	33.33	14.28	1.91	5.10	39.07	6.65	2.20	1.60	18.00	7.00	19.00	0.00
Clare, Jamie	30.62	9.38	1.22	3.90	46.65	6.63	1.44	1.28	30.00	10.00	30.00	1.00
Ellis, Paul	43.75	8.80	2.10	7.50	54.03	3.89	2.10	1.50	38.00	6.00	43.00	2.00
Guo, Feng	44.27	13.45	1.50	6.15	31.48	6.14	0.99	0.48	28.50	6.00	11.00	1.00
Hurst, Kevin R.	41.75	15.03	1.81	5.26	36.25	7.40	1.31	1.31	38.00	11.00	15.00	0.00
Liong, Samuel	31.41	13.33	1.48	5.70	31.49	8.26	2.28	2.05	27.00	9.00	14.00	0.00
Lowsky, John	48.50	13.40	0.98	6.60	34.75	4.49	1.20	0.70	63.00	16.00	13.00	1.00
Parvaz, Ibrar	29.81	14.17	1.15	5.40	32.70	7.97	1.87	1.58	18.00	5.00	11.00	0.00
Reese, Kyle	45.00	22.59	1.07	5.70	55.00	8.30	0.36	0.20	30.00	2.00	40.00	5.00
Sanchez, Arthur	35.68	18.02	0.90	3.90	34.20	5.83	0.93	0.79	42.00	9.00	15.00	1.00
Viera, Ralph B.	37.36	14.21	1.65	7.50	43.00	7.47	2.68	1.58	31.00	5.00	24.00	3.00
MAXIMUM	48.50	22.59	2.10	7.50	55.00	11.03	2.70	2.05	63.00	16.00	43.00	5.00
MINIMUM	29.81	8.80	0.90	3.90	31.48	3.89	0.36	0.20	15.00	2.00	11.00	0.00
RANGE(MAX-MIN)	18.690	13.790	1.200	3.600	23.520	7.140	2.340	1.850	48.000	14.000	32.000	5.000
MEAN	38.529	14.320	1.487	5.776	39.385	7.005	1.672	1.163	31.542	7.375	20.583	1.250
STANDARD DEVIATION	6.347	3.578	0.425	1.182	8.426	1.887	0.547	0.547	12.996	3.903	11.293	1.485
N SIZE	12.000											

Part ID= B6 - ARTICULATED 2-PIECE

B6 YI Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	G1TOT	G2TOT	G3TOT	OCTOT	L1TOT	L2TOT	L3TOT	L4TOT	TGF	2ndGF	TLHC	TLEC
Alvernaz, Jack	0.37	0.24	1.37	0.70	-0.64	2.13	1.38	-0.50	-1.27	-1.25	-0.76	-0.17
Barrera, Tony	-0.82	-0.01	1.00	-0.57	-0.04	-0.19	0.71	0.80	-1.04	-0.10	-0.14	-0.84
Clare, Jamie	-1.25	-1.38	-0.63	-1.59	0.86	-0.20	-0.31	0.21	-0.12	0.67	0.83	-0.17
Ellis, Paul	0.82	-1.54	1.44	1.46	1.74	-1.65	0.58	0.62	0.50	-0.35	1.99	0.51
Guo, Feng	0.90	-0.24	0.03	0.32	-0.94	-0.46	-0.92	-1.25	-0.23	-0.35	-0.85	-0.17
Hurst, Kevin R.	0.51	0.20	0.76	-0.44	-0.37	0.21	-0.49	0.27	0.50	0.93	-0.49	-0.84
Liong, Samuel	-1.12	-0.28	-0.02	-0.06	-0.94	0.67	0.82	1.62	-0.35	0.42	-0.58	-0.84
Lowsky, John	1.57	-0.26	-1.19	0.70	-0.55	-1.33	-0.63	-0.85	2.42	2.21	-0.67	-0.17
Parvaz, Ibrar	-1.37	-0.04	-0.79	-0.32	-0.79	0.51	0.27	0.76	-1.04	-0.61	-0.85	-0.84
Reese, Kyle	1.02	2.31	-0.98	-0.06	1.85	0.69	-1.76	-1.76	-0.12	-1.38	1.72	2.53
Sanchez, Arthur	-0.45	1.03	-1.38	-1.59	-0.62	-0.62	-1.00	-0.68	0.80	0.42	-0.49	-0.17
Viera, Ralph B.	-0.18	-0.03	0.38	1.46	0.43	0.25	1.36	0.76	-0.04	-0.61	0.30	1.18
MAXIMUM	1.57	2.31	1.44	-1.59	1.85	2.13	-1.76	-1.76	2.42	2.21	1.99	2.53
MINIMUM	-0.18	-0.01	-0.02	-0.06	-0.04	-0.19	0.27	0.21	-0.04	-0.10	-0.14	-0.17
RANGE(MAX-MIN)	1.755	2.323	1.459	-1.523	1.891	2.321	-2.030	-1.973	2.462	2.306	2.125	2.694
MEAN	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
STANDARD DEVIATION	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
N SIZE	12.000											

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Part ID= B7 - SEQUENCE III

Rated Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	UCTOT	THIOT	ATTOT
Barrera, Tony	23.96	18.00	0.62	26.83	14.85	5.45	0.10	0.05
Clare, Jamie	25.00	15.20	1.33	22.80	14.55	5.95	0.56	0.56
Ellis, Paul	23.26	17.37	0.53	20.31	14.01	7.40	0.63	0.63
Fujita, Hirokazu	23.29	16.13	1.09	21.60	13.73	6.50	0.44	0.20
Guo, Feng	22.40	16.55	0.50	21.70	12.55	5.95	0.20	0.10
Hurst, Kevin R.	24.13	18.39	0.56	23.60	16.01	5.97	0.15	0.10
Kraemer, Vernon	22.68	16.84	0.66	24.30	14.58	5.20	0.13	0.05
Liong, Samuel	23.04	16.57	1.56	20.22	13.69	6.68	0.14	0.10
Lowsky, John	26.53	16.60	0.51	27.12	13.89	5.40	0.05	0.00
Parvaz, Ibrar	23.11	17.72	0.68	27.07	14.26	6.55	0.21	0.18
Reese, Kyle	19.74	16.31	1.45	45.92	22.84	5.96	0.13	0.10
Sanchez, Arthur	23.62	16.81	0.39	25.28	14.15	6.56	0.28	0.23
MAXIMUM	26.53	18.39	1.56	45.92	22.84	7.40	0.63	0.63
MINIMUM	19.74	15.20	0.39	20.22	12.55	5.20	0.05	0.00
RANGE(MAX-MIN)	6.790	3.190	1.170	25.700	10.290	2.200	0.580	0.630
MEAN	23.397	16.874	0.823	25.563	14.926	6.131	0.252	0.192
STANDARD DEVIATION	1.607	0.878	0.415	6.880	2.622	0.632	0.189	0.200
N SIZE	12.000							

Part ID= B7 - SEQUENCE III

B7 YI Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	UCTOT	THIOT	ATTOT
Barrera, Tony	0.35	1.28	-0.49	0.18	-0.03	-1.08	-0.80	-0.71
Clare, Jamie	1.00	-1.91	1.22	-0.40	-0.14	-0.29	1.63	1.84
Ellis, Paul	-0.09	0.56	-0.71	-0.76	-0.35	2.01	2.00	2.19
Fujita, Hirokazu	-0.07	-0.85	0.64	-0.58	-0.46	0.58	0.99	0.04
Guo, Feng	-0.62	-0.37	-0.78	-0.56	-0.91	-0.29	-0.27	-0.46
Hurst, Kevin R.	0.46	1.73	-0.63	-0.29	0.41	-0.25	-0.54	-0.46
Kraemer, Vernon	-0.45	-0.04	-0.39	-0.18	-0.13	-1.47	-0.64	-0.71
Liong, Samuel	-0.22	-0.35	1.77	-0.78	-0.47	0.87	-0.59	-0.46
Lowsky, John	1.95	-0.31	-0.75	0.23	-0.40	-1.16	-1.06	-0.96
Parvaz, Ibrar	-0.18	0.96	-0.35	0.22	-0.25	0.66	-0.22	-0.06
Reese, Kyle	-2.28	-0.64	1.51	2.96	3.02	-0.27	-0.64	-0.46
Sanchez, Arthur	0.14	-0.07	-1.04	-0.04	-0.30	0.68	0.15	0.19
MAXIMUM	-2.28	-1.91	1.77	2.96	3.02	2.01	2.00	2.19
MINIMUM	-0.07	-0.04	-0.35	-0.04	-0.03	-0.25	0.15	0.04
RANGE(MAX-MIN)	-2.209	-1.868	2.119	3.000	3.047	2.263	1.847	2.150
MEAN	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
STANDARD DEVIATION	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
N SIZE	12.000							

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Part ID= B7 - SEQUENCE III

Rated Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	UCTOT	THTOT	ATTOT
Barrera, Tony	23.96	18.00	0.62	26.83	14.85	5.45	0.10	0.05
Clare, Jamie	25.00	15.20	1.33	22.80	14.55	5.95	0.56	0.56
Ellis, Paul	23.26	17.37	0.53	20.31	14.01	7.40	0.63	0.63
Fujita, Hirokazu	23.29	16.13	1.09	21.60	13.73	6.50	0.44	0.20
Guo, Feng	22.40	16.55	0.50	21.70	12.55	5.95	0.20	0.10
Hurst, Kevin R.	24.13	18.39	0.56	23.60	16.01	5.97	0.15	0.10
Kraemer, Vernon	22.68	16.84	0.66	24.30	14.58	5.20	0.13	0.05
Liong, Samuel	23.04	16.57	1.56	20.22	13.69	6.68	0.14	0.10
Lowsky, John	26.53	16.60	0.51	27.12	13.89	5.40	0.05	0.00
Parvaz, Ibrar	23.11	17.72	0.68	27.07	14.26	6.55	0.21	0.18
Sanchez, Arthur	23.62	16.81	0.39	25.28	14.15	6.56	0.28	0.23
MAXIMUM	26.53	18.39	1.56	27.12	16.01	7.40	0.63	0.63
MINIMUM	22.40	15.20	0.39	20.22	12.55	5.20	0.05	0.00
RANGE(MAX-MIN)	4.130	3.190	1.170	6.900	3.460	2.200	0.580	0.630
MEAN	23.729	16.925	0.766	23.712	14.206	6.146	0.263	0.200
STANDARD DEVIATION	1.176	0.902	0.383	2.618	0.855	0.660	0.195	0.208
N SIZE	11.000							

Part ID= B7 - SEQUENCE III

B7 YI Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	UCTOT	THTOT	ATTOT
Barrera, Tony	0.20	1.19	-0.38	1.19	0.75	-1.05	-0.84	-0.72
Clare, Jamie	1.08	-1.91	1.47	-0.35	0.40	-0.30	1.53	1.73
Ellis, Paul	-0.40	0.49	-0.62	-1.30	-0.23	1.90	1.89	2.07
Fujita, Hirokazu	-0.37	-0.88	0.84	-0.81	-0.56	0.54	0.91	0.00
Guo, Feng	-1.13	-0.42	-0.69	-0.77	-1.94	-0.30	-0.32	-0.48
Hurst, Kevin R.	0.34	1.62	-0.54	-0.04	2.11	-0.27	-0.58	-0.48
Kraemer, Vernon	-0.89	-0.09	-0.28	0.22	0.44	-1.43	-0.68	-0.72
Liong, Samuel	-0.59	-0.39	2.07	-1.33	-0.60	0.81	-0.63	-0.48
Lowsky, John	2.38	-0.36	-0.67	1.30	-0.37	-1.13	-1.09	-0.96
Parvaz, Ibrar	-0.53	0.88	-0.23	1.28	0.06	0.61	-0.27	-0.10
Sanchez, Arthur	-0.09	-0.13	-0.98	0.60	-0.07	0.63	0.09	0.14
MAXIMUM	2.38	-1.91	2.07	-1.33	2.11	1.90	1.89	2.07
MINIMUM	-0.09	-0.09	-0.23	-0.04	0.06	-0.27	0.09	0.00
RANGE(MAX-MIN)	2.475	-1.819	2.296	-1.291	2.047	2.165	1.798	2.072
MEAN	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
STANDARD DEVIATION	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
N SIZE	11.000							

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Part ID= B8 - SEQUENCE III

Rated Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	UCTOT	THIOT	ATTOT	
Barrera, Tony	15.85	38.50	3.42	51.01	18.88	8.13	1.28	0.07	
Clare, Jamie	16.70	43.75	4.30	51.25	20.90	8.00	1.60	0.33	
Ellis, Paul	13.68	73.75	3.35	25.00	16.56	7.40	1.21	0.70	
Fujita, Hirokazu	12.44	29.50	4.05	38.32	17.79	8.00	1.35	0.20	
Guo, Feng	9.85	32.50	3.81	39.25	17.84	8.55	0.66	0.10	
Hurst, Kevin R.	17.99	34.00	4.22	40.00	20.99	8.33	0.83	0.10	
Kraemer, Vernon	12.61	40.00	3.21	45.52	18.17	7.93	1.12	0.10	
Liong, Samuel	13.07	37.75	4.52	34.75	17.50	8.45	1.04	0.20	
Lowsky, John	30.25	30.25	3.48	55.75	17.45	7.85	1.66	0.18	
Parvaz, Ibrar	17.75	40.00	5.07	45.08	20.49	8.30	1.02	0.20	
Reese, Kyle	20.68	70.00	4.47	40.00	45.90	7.32	1.36	0.10	
Sanchez, Arthur	10.14	40.00	3.59	63.50	25.96	8.18	0.96	0.20	
MAXIMUM	30.25	73.75	5.07	63.50	45.90	8.55	1.66	0.70	
MINIMUM	9.85	29.50	3.21	25.00	16.56	7.32	0.66	0.07	
RANGE(MAX-MIN)	20.400	44.250	1.860	38.500	29.340	1.230	1.000	0.630	
MEAN	15.918	42.500	3.958	44.119	21.536	8.037	1.174	0.207	
STANDARD DEVIATION	5.582	14.406	0.573	10.255	8.084	0.380	0.297	0.172	
N SIZE	12.000								

Part ID= B8 - SEQUENCE III

B8 YI Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	UCTOT	THIOT	ATTOT	
Barrera, Tony	-0.01	-0.28	-0.94	0.67	-0.33	0.25	0.36	-0.80	
Clare, Jamie	0.14	0.09	0.60	0.70	-0.08	-0.10	1.44	0.72	
Ellis, Paul	-0.40	2.17	-1.06	-1.86	-0.62	-1.68	0.12	2.88	
Fujita, Hirokazu	-0.62	-0.90	0.16	-0.57	-0.46	-0.10	0.59	-0.04	
Guo, Feng	-1.09	-0.69	-0.26	-0.47	-0.46	1.35	-1.73	-0.62	
Hurst, Kevin R.	0.37	-0.59	0.46	-0.40	-0.07	0.77	-1.16	-0.62	
Kraemer, Vernon	-0.59	-0.17	-1.30	0.14	-0.42	-0.28	-0.18	-0.62	
Liong, Samuel	-0.51	-0.33	0.98	-0.91	-0.50	1.09	-0.45	-0.04	
Lowsky, John	2.57	-0.85	-0.83	1.13	-0.51	-0.49	1.64	-0.16	
Parvaz, Ibrar	0.33	-0.17	1.94	0.09	-0.13	0.69	-0.52	-0.04	
Reese, Kyle	0.85	1.91	0.89	-0.40	3.01	-1.89	0.63	-0.62	
Sanchez, Arthur	-1.04	-0.17	-0.64	1.89	0.55	0.38	-0.72	-0.04	
MAXIMUM	2.57	2.17	1.94	1.89	3.01	-1.89	-1.73	2.88	
MINIMUM	-0.01	0.09	0.16	0.09	-0.07	-0.10	0.12	-0.04	
RANGE(MAX-MIN)	2.580	2.082	1.780	1.796	3.082	-1.790	-1.853	2.915	
MEAN	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
STANDARD DEVIATION	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
N SIZE	12.000								

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Part ID= B8 - SEQUENCE III

Rated Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	UCTOT	THIOT	ATTOT
Barrera, Tony	15.85	38.50	3.42	51.01	18.88	8.13	1.28	0.07
Clare, Jamie	16.70	43.75	4.30	51.25	20.90	8.00	1.60	0.33
Fujita, Hirokazu	12.44	29.50	4.05	38.32	17.79	8.00	1.35	0.20
Guo, Feng	9.85	32.50	3.81	39.25	17.84	8.55	0.66	0.10
Hurst, Kevin R.	17.99	34.00	4.22	40.00	20.99	8.33	0.83	0.10
Kraemer, Vernon	12.61	40.00	3.21	45.52	18.17	7.93	1.12	0.10
Liong, Samuel	13.07	37.75	4.52	34.75	17.50	8.45	1.04	0.20
Lowsky, John	30.25	30.25	3.48	55.75	17.45	7.85	1.66	0.18
Parvaz, Ibrar	17.75	40.00	5.07	45.08	20.49	8.30	1.02	0.20
Sanchez, Arthur	10.14	40.00	3.59	63.50	25.96	8.55	1.66	0.33
MAXIMUM	30.25	43.75	5.07	63.50	25.96	8.55	1.66	0.33
MINIMUM	9.85	29.50	3.21	34.75	17.45	7.85	0.66	0.07
RANGE(MAX-MIN)	20.400	14.250	1.860	28.750	8.510	0.700	1.000	0.260
MEAN	15.665	36.625	3.967	46.443	19.597	8.172	1.152	0.168
STANDARD DEVIATION	5.910	4.773	0.575	8.945	2.642	0.232	0.321	0.077
N SIZE	10.000							

Part ID= B8 - SEQUENCE III

B8 YI Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	UCTOT	THIOT	ATTOT
Barrera, Tony	0.03	0.39	-0.95	0.51	-0.27	-0.18	0.40	-1.27
Clare, Jamie	0.18	1.49	0.58	0.54	0.49	-0.74	1.40	2.09
Fujita, Hirokazu	-0.55	-1.49	0.14	-0.91	-0.68	-0.74	0.62	0.41
Guo, Feng	-0.98	-0.86	-0.27	-0.80	-0.67	1.63	-1.53	-0.88
Hurst, Kevin R.	0.39	-0.55	0.44	-0.72	0.53	0.68	-1.00	-0.88
Kraemer, Vernon	-0.52	0.71	-1.32	-0.10	-0.54	-1.04	-0.10	-0.88
Liong, Samuel	-0.44	0.24	0.96	-1.31	-0.79	1.20	-0.35	0.41
Lowsky, John	2.47	-1.34	-0.85	1.04	-0.81	-1.39	1.58	0.16
Parvaz, Ibrar	0.35	0.71	1.92	-0.15	0.34	0.55	-0.41	0.41
Sanchez, Arthur	-0.93	0.71	-0.66	1.91	2.41	0.03	-0.60	0.41
MAXIMUM	2.47	1.49	1.92	1.91	2.41	1.63	1.58	2.09
MINIMUM	0.03	0.24	0.14	-0.10	-0.27	0.03	-0.10	0.16
RANGE(MAX-MIN)	2.436	1.257	1.773	2.010	2.680	1.594	1.682	1.937
MEAN	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
STANDARD DEVIATION	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
N SIZE	10.000							

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Part ID= C1 - SQUARE CUT

Rated Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	G1TOT	G2TOT	G3TOT	G4TOT	I2TOT	I3TOT	I4TOT	TGF
Aguirre, Nancy P	37.98	0.12	0.13	0.14	10.25	0.44	0.65	38.00
Avis, Steven	44.10	0.16	0.02	0.05	11.62	0.15	0.30	46.00
Cales, Jonathon	43.59	0.10	0.13	0.16	11.66	0.20	0.72	34.00
Cumberworth, Lee	34.71	0.13	0.17	0.12	10.04	0.30	0.62	39.00
Escobar, Wilmar	42.30	0.02	0.04	0.06	10.65	0.30	0.54	37.00
Goulais, Ed	39.55	1.07	1.10	0.80	5.05	1.00	1.50	32.00
Hill, Howard P.	45.20	0.24	0.03	0.05	12.49	0.24	0.55	42.00
Kawarasaki, Ikuyasu	42.77	0.26	0.29	0.29	10.88	0.53	0.77	43.00
Kraemer, Vernon	47.38	0.25	0.28	0.28	13.46	0.33	0.98	20.00
Lonsway, Chris	37.62	0.10	0.01	0.10	9.12	0.40	0.76	30.00
May, Marianne	47.09	0.04	0.01	0.02	9.41	0.18	0.30	41.00
Mueller, Stefan	66.33	0.10	0.10	0.19	10.18	0.10	0.14	75.00
Pitta, Jimmy	41.13	0.03	0.01	0.06	11.04	0.20	0.65	48.00
Richards, Craig	46.05	0.40	0.32	0.31	10.41	0.30	0.33	65.00
Seiz, Ray	53.70	0.12	0.04	0.04	11.64	0.20	0.53	47.00
Stremlow, Mike	49.31	0.64	0.55	0.53	11.27	0.50	0.65	51.00
Trevino, Bobby	38.52	0.33	0.22	0.12	10.30	0.28	0.35	40.00
Zalewski, John	47.38	0.11	0.11	0.12	11.94	0.30	0.51	50.00
MAXIMUM	66.33	1.07	1.10	0.80	13.46	1.00	1.50	75.00
MINIMUM	34.71	0.02	0.01	0.02	5.05	0.10	0.14	20.00
RANGE(MAX-MIN)	31.620	1.050	1.090	0.780	8.410	0.900	1.360	55.000
MEAN	44.706	0.234	0.198	0.191	10.634	0.331	0.603	43.222
STANDARD DEVIATION	7.178	0.259	0.267	0.199	1.760	0.204	0.305	12.511
N SIZE	18.000							

Part ID= C1 - SQUARE CUT

C1 YI Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	G1TOT	G2TOT	G3TOT	G4TOT	I2TOT	I3TOT	I4TOT	TGF
Aguirre, Nancy P	-0.94	-0.44	-0.25	-0.26	-0.22	0.54	0.16	-0.42
Avis, Steven	-0.08	-0.29	-0.67	-0.71	0.56	-0.89	-0.99	0.22
Cales, Jonathon	-0.16	-0.52	-0.25	-0.16	0.58	-0.64	0.38	-0.74
Cumberworth, Lee	-1.39	-0.40	-0.10	-0.36	-0.34	-0.15	0.06	-0.34
Escobar, Wilmar	-0.34	-0.83	-0.59	-0.66	0.01	-0.15	-0.21	-0.50
Goulais, Ed	-0.72	3.23	3.38	3.07	-3.17	3.28	2.95	-0.90
Hill, Howard P.	0.07	0.02	-0.63	-0.71	1.05	-0.44	-0.17	-0.10
Kawarasaki, Ikuyasu	-0.27	0.10	0.35	0.50	0.14	0.98	0.55	-0.02
Kraemer, Vernon	0.37	0.06	0.31	0.45	1.61	0.00	1.24	-1.86
Lonsway, Chris	-0.99	-0.52	-0.70	-0.46	-0.86	0.34	0.52	-1.06
May, Marianne	0.33	-0.75	-0.70	-0.86	-0.70	-0.74	-0.99	-0.18
Mueller, Stefan	3.01	-0.52	-0.37	-0.01	-0.26	-1.13	-1.52	2.54
Pitta, Jimmy	-0.50	-0.79	-0.70	-0.66	0.23	-0.64	0.16	0.38
Richards, Craig	0.19	0.64	0.46	0.60	-0.13	-0.15	-0.90	1.74
Seiz, Ray	1.25	-0.44	-0.59	-0.76	0.57	-0.64	-0.24	0.30
Stremlow, Mike	0.64	1.57	1.32	1.71	0.36	0.83	0.16	0.62
Trevino, Bobby	-0.86	0.37	0.08	-0.36	-0.19	-0.25	-0.83	-0.26
Zalewski, John	0.37	-0.48	-0.33	-0.36	0.74	-0.15	-0.30	0.54
MAXIMUM	3.01	3.23	3.38	3.07	-3.17	3.28	2.95	2.54
MINIMUM	0.07	0.02	0.08	-0.01	0.01	0.00	0.06	-0.02
RANGE(MAX-MIN)	2.944	3.208	3.297	3.071	-3.182	3.284	2.889	2.558
MEAN	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
STANDARD DEVIATION	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
N SIZE	18.000							

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Part ID= C1 - SQUARE CUT

Rated Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	G1TOT	G2TOT	G3TOT	G4TOT	L2TOT	L3TOT	L4TOT	TGF
Aguirre, Nancy P	37.98	0.12	0.13	0.14	10.25	0.44	0.65	38.00
Avis, Steven	44.10	0.16	0.02	0.05	11.62	0.15	0.30	46.00
Cales, Jonathon	43.59	0.10	0.13	0.16	11.66	0.20	0.72	34.00
Cumberworth, Lee	34.71	0.13	0.17	0.12	10.04	0.30	0.62	39.00
Escobar, Wilmar	42.30	0.02	0.04	0.06	10.65	0.30	0.54	37.00
Hill, Howard P.	45.20	0.24	0.03	0.05	12.49	0.24	0.55	42.00
Kawarasaki, Ikuyasu	42.77	0.26	0.29	0.29	10.88	0.53	0.77	43.00
Kraemer, Vernon	47.38	0.25	0.28	0.28	13.46	0.33	0.98	20.00
Lonsway, Chris	37.62	0.10	0.01	0.10	9.12	0.40	0.76	30.00
May, Marianne	47.09	0.04	0.01	0.02	9.41	0.18	0.30	41.00
Mueller, Stefan	66.33	0.10	0.10	0.19	10.18	0.10	0.14	75.00
Pitta, Jimmy	41.13	0.03	0.01	0.06	11.04	0.20	0.65	48.00
Richards, Craig	46.05	0.40	0.32	0.31	10.41	0.30	0.33	65.00
Seiz, Ray	53.70	0.12	0.04	0.04	11.64	0.20	0.53	47.00
Stremlow, Mike	49.31	0.64	0.55	0.53	11.27	0.50	0.65	51.00
Trevino, Bobby	38.52	0.33	0.22	0.12	10.30	0.28	0.35	40.00
Zalewski, John	47.38	0.11	0.11	0.12	11.94	0.30	0.51	50.00
MAXIMUM	66.33	0.64	0.55	0.53	13.46	0.53	0.98	75.00
MINIMUM	34.71	0.02	0.01	0.02	9.12	0.10	0.14	20.00
RANGE(MAX-MIN)	31.620	0.620	0.540	0.510	4.340	0.430	0.840	55.000
MEAN	45.009	0.185	0.145	0.155	10.962	0.291	0.550	43.882
STANDARD DEVIATION	7.279	0.158	0.148	0.132	1.108	0.121	0.213	12.569
N SIZE	17.000							

Part ID= C1 - SQUARE CUT

C1 YI Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	G1TOT	G2TOT	G3TOT	G4TOT	L2TOT	L3TOT	L4TOT	TGF
Aguirre, Nancy P	-0.97	-0.41	-0.10	-0.12	-0.64	1.23	0.47	-0.47
Avis, Steven	-0.12	-0.16	-0.84	-0.80	0.59	-1.17	-1.17	0.17
Cales, Jonathon	-0.20	-0.54	-0.10	0.04	0.63	-0.76	0.80	-0.79
Cumberworth, Lee	-1.42	-0.35	0.17	-0.27	-0.83	0.07	0.33	-0.39
Escobar, Wilmar	-0.37	-1.05	-0.71	-0.72	-0.28	0.07	-0.05	-0.55
Hill, Howard P.	0.03	0.35	-0.78	-0.80	1.38	-0.42	0.00	-0.15
Kawarasaki, Ikuyasu	-0.31	0.47	0.98	1.02	-0.07	1.98	1.03	-0.07
Kraemer, Vernon	0.33	0.41	0.92	0.95	2.26	0.32	2.02	-1.90
Lonsway, Chris	-1.02	-0.54	-0.91	-0.42	-1.66	0.90	0.99	-1.10
May, Marianne	0.29	-0.92	-0.91	-1.03	-1.40	-0.92	-1.17	-0.23
Mueller, Stefan	2.93	-0.54	-0.30	0.26	-0.71	-1.58	-1.93	2.48
Pitta, Jimmy	-0.53	-0.98	-0.91	-0.72	0.07	-0.76	0.47	0.33
Richards, Craig	0.14	1.36	1.19	1.17	-0.50	0.07	-1.03	1.68
Seiz, Ray	1.19	-0.41	-0.71	-0.87	0.61	-0.76	-0.09	0.25
Stremlow, Mike	0.59	2.88	2.74	2.84	0.28	1.73	0.47	0.57
Trevino, Bobby	-0.89	0.92	0.51	-0.27	-0.60	-0.09	-0.94	-0.31
Zalewski, John	0.33	-0.48	-0.23	-0.27	0.88	0.07	-0.19	0.49
MAXIMUM	2.93	2.88	2.74	2.84	2.26	1.98	2.02	2.48
MINIMUM	0.03	-0.16	-0.10	0.04	0.07	0.07	0.00	-0.07
RANGE(MAX-MIN)	2.903	3.040	2.842	2.806	2.185	1.906	2.020	2.546
MEAN	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
STANDARD DEVIATION	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
N SIZE	17.000							

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Part ID= C2 - KEYSTONE

Rated Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	G1TOT	G2TOT	G3TOT	USTOT	L1TOT	L2TOT	L3TOT	UCTOT	TGF	2ndGF	TLHC	TLFC
Aguirre, Nancy P	26.25	47.50	1.86	0.89	5.53	27.56	4.20	1.72	7.00	52.00	0.00	0.00
Avis, Steven	26.50	60.25	2.17	0.82	6.92	32.50	3.51	1.35	5.00	77.00	0.00	0.00
Escobar, Wilmar	26.59	69.25	2.20	1.29	4.51	33.74	4.38	2.94	4.00	61.00	0.00	0.00
Goulais, Ed	15.80	9.63	3.60	1.80	5.45	26.75	2.95	4.20	0.00	0.00	0.00	0.00
Hill, Howard P.	25.87	31.75	2.62	1.80	6.55	27.85	3.82	1.55	15.00	42.00	0.00	0.00
Lonsway, Chris	25.00	47.50	2.50	1.03	6.18	30.25	4.82	2.30	7.00	44.00	0.00	1.00
May, Marianne	25.25	45.25	1.80	0.93	6.93	28.01	4.07	1.91	8.00	62.00	0.00	1.00
Mueller, Stefan	28.75	94.00	1.77	1.60	9.66	92.81	5.05	3.25	95.00	92.00	6.00	3.00
Pitta, Jimmy	50.50	50.50	2.72	0.84	11.43	32.13	4.53	3.43	51.00	78.00	0.00	0.00
Richards, Craig	25.75	25.00	0.30	0.24	1.25	29.50	0.45	0.40	26.00	25.00	0.00	0.00
Seiz, Ray	26.50	64.00	1.76	0.20	6.72	39.18	5.79	4.01	9.00	60.00	0.00	0.00
Stremlow, Mike	27.75	64.75	2.37	0.61	5.83	35.50	4.12	1.82	26.00	80.00	0.00	0.00
Trevino, Bobby	24.90	34.00	2.19	0.93	8.23	33.33	3.10	1.65	7.00	52.00	0.00	1.00
Zalewski, John	26.00	64.00	1.78	1.00	6.27	32.74	4.42	2.91	21.00	90.00	0.00	0.00
MAXIMUM	50.50	94.00	3.60	1.80	11.43	92.81	5.79	4.20	95.00	92.00	6.00	3.00
MINIMUM	15.80	9.63	0.30	0.20	1.25	26.75	0.45	0.40	0.00	0.00	0.00	0.00
RANGE(MAX-MIN)	34.700	84.370	3.300	1.600	10.180	66.060	5.340	3.800	95.000	92.000	6.000	3.000
MEAN	27.244	50.527	2.117	0.999	6.533	35.846	3.944	2.389	20.071	58.214	0.429	0.429
STANDARD DEVIATION	7.322	21.297	0.727	0.494	2.351	16.756	1.252	1.096	25.324	25.465	1.604	0.852
N SIZE	14.000											

Part ID= C2 - KEYSTONE

C2 YI Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	G1TOT	G2TOT	G3TOT	USTOT	L1TOT	L2TOT	L3TOT	UCTOT	TGF	2ndGF	TLHC	TLFC
Aguirre, Nancy P	-0.14	-0.14	-0.35	-0.22	-0.43	-0.49	0.20	-0.61	-0.52	-0.24	-0.27	-0.50
Avis, Steven	-0.10	0.46	0.07	-0.36	0.16	-0.20	-0.35	-0.95	-0.60	0.74	-0.27	-0.50
Escobar, Wilmar	-0.09	0.88	0.11	0.59	-0.86	-0.13	0.35	0.50	-0.63	0.11	-0.27	-0.50
Goulais, Ed	-1.56	-1.92	2.04	1.62	-0.46	-0.54	-0.79	1.65	-0.79	-2.29	-0.27	-0.50
Hill, Howard P.	-0.19	-0.88	0.69	1.62	0.01	-0.48	-0.10	-0.77	-0.20	-0.64	-0.27	-0.50
Lonsway, Chris	-0.31	-0.14	0.53	0.06	-0.15	-0.33	0.70	-0.08	-0.52	-0.56	-0.27	0.67
May, Marianne	-0.27	-0.25	-0.44	-0.14	0.17	-0.47	0.10	-0.44	-0.48	0.15	-0.27	0.67
Mueller, Stefan	0.21	2.04	-0.48	1.22	1.33	3.40	0.88	0.79	2.96	1.33	3.47	3.02
Pitta, Jimmy	3.18	0.00	0.83	-0.32	2.08	-0.22	0.47	0.95	1.22	0.78	-0.27	-0.50
Richards, Craig	-0.20	-1.20	-2.50	-1.54	-2.25	-0.38	-2.79	-1.82	0.23	-1.30	-0.27	-0.50
Seiz, Ray	-0.10	0.63	-0.49	-1.62	0.08	0.20	1.47	1.48	-0.44	0.07	-0.27	-0.50
Stremlow, Mike	0.07	0.67	0.35	-0.79	-0.30	-0.02	0.14	-0.52	0.23	0.86	-0.27	-0.50
Trevino, Bobby	-0.32	-0.78	0.10	-0.14	0.72	-0.15	-0.67	-0.67	-0.52	-0.24	-0.27	0.67
Zalewski, John	-0.17	0.63	-0.46	0.00	-0.11	-0.19	0.38	0.48	0.04	1.25	-0.27	-0.50
MAXIMUM	3.18	2.04	-2.50	1.62	-2.25	3.40	-2.79	-1.82	2.96	-2.29	3.47	3.02
MINIMUM	0.07	0.00	0.07	0.00	0.01	-0.02	-0.10	-0.08	0.04	0.07	-0.27	-0.50
RANGE(MAX-MIN)	3.107	2.043	-2.572	1.619	-2.254	3.420	-2.691	-1.734	2.922	-2.356	3.742	3.523
MEAN	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
STANDARD DEVIATION	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
N SIZE	14.000											

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Part ID= C2 - KEYSTONE

Rated Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	G1TOT	G2TOT	G3TOT	USTOT	L1TOT	L2TOT	L3TOT	UCTOT	TGF	2ndGF	TLHC	TLEC
Aguirre, Nancy P	26.25	47.50	1.86	0.89	5.53	27.56	4.20	1.72	7.00	52.00	0.00	0.00
Avis, Steven	26.50	60.25	2.17	0.82	6.92	32.50	3.51	1.35	5.00	77.00	0.00	0.00
Escobar, Wilmar	26.59	69.25	2.20	1.29	4.51	33.74	4.38	2.94	4.00	61.00	0.00	0.00
Goulais, Ed	15.80	9.63	3.60	1.80	5.45	26.75	2.95	4.20	0.00	0.00	0.00	0.00
Hill, Howard P.	25.87	31.75	2.62	1.80	6.55	27.85	3.82	1.55	15.00	42.00	0.00	0.00
Lonsway, Chris	25.00	47.50	2.50	1.03	6.18	30.25	4.82	2.30	7.00	44.00	0.00	1.00
May, Marianne	25.25	45.25	1.80	0.93	6.93	28.01	4.07	1.91	8.00	62.00	0.00	1.00
Richards, Craig	25.75	25.00	0.30	0.24	1.25	29.50	0.45	0.40	26.00	25.00	0.00	0.00
Seiz, Ray	26.50	64.00	1.76	0.20	6.72	39.18	5.79	4.01	9.00	60.00	0.00	0.00
Stremlow, Mike	27.75	64.75	2.37	0.61	5.83	35.50	4.12	1.82	26.00	80.00	0.00	0.00
Trevino, Bobby	24.90	34.00	2.19	0.93	8.23	33.33	3.10	1.65	7.00	52.00	0.00	1.00
Zalewski, John	26.00	64.00	1.78	1.00	6.27	32.74	4.42	2.91	21.00	90.00	0.00	0.00
MAXIMUM	27.75	69.25	3.60	1.80	8.23	39.18	5.79	4.20	26.00	90.00	0.00	1.00
MINIMUM	15.80	9.63	0.30	0.20	1.25	26.75	0.45	0.40	0.00	0.00	0.00	0.00
RANGE(MAX-MIN)	11.950	59.620	3.300	1.600	6.980	12.430	5.340	3.800	26.000	90.000	0.000	1.000
MEAN	25.180	46.907	2.096	0.962	5.864	31.409	3.803	2.230	11.250	53.750	0.000	0.250
STANDARD DEVIATION	3.057	18.706	0.762	0.502	1.725	3.753	1.300	1.107	8.698	24.603	0.000	0.452
N SIZE	12.000											

Part ID= C2 - KEYSTONE

C2 YI Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	G1TOT	G2TOT	G3TOT	USTOT	L1TOT	L2TOT	L3TOT	UCTOT	TGF	2ndGF	TLHC	TLEC
Aguirre, Nancy P	0.35	0.03	-0.31	-0.14	-0.19	-1.03	0.31	-0.46	-0.49	-0.07	0.00	-0.55
Avis, Steven	0.43	0.71	0.10	-0.28	0.61	0.29	-0.23	-0.80	-0.72	0.95	0.00	-0.55
Escobar, Wilmar	0.46	1.19	0.14	0.65	-0.79	0.62	0.44	0.64	-0.83	0.29	0.00	-0.55
Goulais, Ed	-3.07	-1.99	1.97	1.67	-0.24	-1.24	-0.66	1.78	-1.29	-2.18	0.00	-0.55
Hill, Howard P.	0.23	-0.81	0.69	1.67	0.40	-0.95	0.01	-0.61	0.43	-0.48	0.00	-0.55
Lonsway, Chris	-0.06	0.03	0.53	0.14	0.18	-0.31	0.78	0.06	-0.49	-0.40	0.00	1.66
May, Marianne	0.02	-0.09	-0.39	-0.06	0.62	-0.91	0.21	-0.29	-0.37	0.34	0.00	1.66
Richards, Craig	0.19	-1.17	-2.36	-1.44	-2.68	-0.51	-2.58	-1.65	1.70	-1.17	0.00	-0.55
Seiz, Ray	0.43	0.91	-0.44	-1.52	0.50	2.07	1.53	1.61	-0.26	0.25	0.00	-0.55
Stremlow, Mike	0.84	0.95	0.36	-0.70	-0.02	1.09	0.24	-0.37	1.70	1.07	0.00	-0.55
Trevino, Bobby	-0.09	-0.69	0.12	-0.06	1.37	0.51	-0.54	-0.52	-0.49	-0.07	0.00	1.66
Zalewski, John	0.27	0.91	-0.41	0.08	0.24	0.35	0.48	0.61	1.12	1.47	0.00	-0.55
MAXIMUM	-3.07	-1.99	-2.36	1.67	-2.68	2.07	-2.58	1.78	1.70	-2.18	0.00	1.66
MINIMUM	0.02	0.03	0.10	-0.06	-0.02	0.29	0.01	0.06	-0.26	-0.07	0.00	-0.55
RANGE(MAX-MIN)	-3.091	-2.024	-2.455	1.733	-2.655	1.780	-2.593	1.717	1.954	-2.114	0.000	2.211
MEAN	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
STANDARD DEVIATION	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	0.000	1.000
N SIZE	12.000											

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Part ID= C3 - C13-STYLE

Rated Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	G1TOT	G2TOT	G3TOT	L1TOT	L2TOT	L3TOT	L4TOT
Cales, Jonathon	33.99	5.02	2.65	24.98	27.16	5.31	1.20
Escobar, Wilmar	36.23	5.56	2.86	23.88	29.79	5.85	1.50
Goulais, Ed	15.05	4.75	2.93	7.40	28.45	5.20	3.50
Hill, Howard P.	33.66	6.64	3.45	17.42	26.50	6.88	2.80
Kawarasaki, Ikuyasu	43.03	4.24	0.92	24.00	33.80	5.77	1.02
Lonsway, Chris	26.35	5.78	1.05	13.92	28.04	6.51	1.50
May, Marianne	32.72	8.99	3.37	22.95	30.38	5.95	2.05
Mueller, Stefan	56.60	3.75	2.05	17.95	48.10	6.91	2.52
Pitta, Jimmy	39.18	8.53	2.50	23.25	29.44	6.07	2.01
Richards, Craig	33.51	1.72	0.23	20.11	21.84	5.49	0.40
Seiz, Ray	35.42	4.92	4.15	23.38	36.31	6.86	2.30
Stremlow, Mike	36.50	7.07	2.13	21.89	32.10	6.41	1.40
Zalewski, John	35.41	4.62	2.68	25.36	20.40	5.68	0.20
MAXIMUM	56.60	8.99	4.15	25.36	48.10	6.91	3.50
MINIMUM	15.05	1.72	0.23	7.40	20.40	5.20	0.20
RANGE(MAX-MIN)	41.550	7.270	3.920	17.960	27.700	1.710	3.300
MEAN	35.204	5.507	2.382	20.499	30.178	6.068	1.723
STANDARD DEVIATION	9.288	1.959	1.105	5.182	6.902	0.597	0.936
N SIZE	13.000						

Part ID= C3 - C13-STYLE

C3 Y1 Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	G1TOT	G2TOT	G3TOT	L1TOT	L2TOT	L3TOT	L4TOT
Cales, Jonathon	-0.13	-0.25	0.24	0.86	-0.44	-1.27	-0.56
Escobar, Wilmar	0.11	0.03	0.43	0.65	-0.06	-0.37	-0.24
Goulais, Ed	-2.17	-0.39	0.50	-2.53	-0.25	-1.46	1.90
Hill, Howard P.	-0.17	0.58	0.97	-0.59	-0.53	1.36	1.15
Kawarasaki, Ikuyasu	0.84	-0.65	-1.32	0.68	0.52	-0.50	-0.75
Lonsway, Chris	-0.95	0.14	-1.21	-1.27	-0.31	0.74	-0.24
May, Marianne	-0.27	1.78	0.89	0.47	0.03	-0.20	0.35
Mueller, Stefan	2.30	-0.90	-0.30	-0.49	2.60	1.41	0.85
Pitta, Jimmy	0.43	1.54	0.11	0.53	-0.11	0.00	0.31
Richards, Craig	-0.18	-1.93	-1.95	-0.08	-1.21	-0.97	-1.41
Seiz, Ray	0.02	-0.30	1.60	0.56	0.89	1.33	0.62
Stremlow, Mike	0.14	0.80	-0.23	0.27	0.28	0.57	-0.35
Zalewski, John	0.02	-0.45	0.27	0.94	-1.42	-0.65	-1.63
MAXIMUM	2.30	-1.93	-1.95	-2.53	2.60	-1.46	1.90
MINIMUM	0.02	0.03	0.11	-0.08	0.03	0.00	-0.24
RANGE(MAX-MIN)	2.282	-1.960	-2.054	-2.453	2.567	-1.458	2.136
MEAN	0.000	0.000	0.000	0.000	0.000	0.000	0.000
STANDARD DEVIATION	1.000	1.000	1.000	1.000	1.000	1.000	1.000
N SIZE	13.000						

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Part ID= C4 - SQUARE CUT

Rated Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	G1TOT	G2TOT	G3TOT	G4TOT	L2TOT	L3TOT	L4TOT	TGF
Aguirre, Nancy P	61.94	0.64	0.22	0.20	8.08	0.54	0.54	65.00
Cales, Jonathon	47.78	0.90	0.15	0.10	8.90	0.94	0.50	46.00
Cumberworth, Lee	53.67	1.30	0.20	0.10	8.63	0.60	0.40	62.00
Goulais, Ed	51.70	2.40	2.00	0.60	9.10	1.15	1.50	42.00
Hill, Howard P.	64.55	0.53	0.04	0.01	9.52	0.13	0.13	64.00
Kawarasaki, Ikuyasu	46.14	0.73	0.22	0.20	10.45	0.97	0.32	54.00
Lonsway, Chris	49.90	0.44	0.10	0.05	7.49	0.40	0.23	52.00
May, Marianne	61.84	0.65	0.01	0.00	8.71	0.26	0.19	64.00
Mueller, Stefan	64.25	0.57	0.10	0.10	8.25	0.23	0.23	85.00
Pitta, Jimmy	49.89	0.52	0.20	0.01	10.97	0.52	0.45	63.00
Richards, Craig	46.80	0.24	0.20	0.20	6.47	0.24	0.22	37.00
Sanchez, Arthur	72.14	0.52	0.10	0.10	13.25	0.50	0.28	68.00
Seiz, Ray	70.65	0.34	0.04	0.02	15.32	0.17	0.19	72.00
Stremlow, Mike	57.12	0.57	0.60	0.60	9.89	0.54	0.55	67.00
Trevino, Bobby	54.55	0.44	0.04	0.01	8.44	0.30	0.19	56.00
Zalewski, John	69.11	0.67	0.20	0.10	10.30	0.55	0.38	68.00
MAXIMUM	72.14	2.40	2.00	0.60	15.32	1.15	1.50	85.00
MINIMUM	46.14	0.24	0.01	0.00	6.47	0.13	0.13	37.00
RANGE(MAX-MIN)	26.000	2.160	1.990	0.600	8.850	1.020	1.370	48.000
MEAN	57.627	0.716	0.276	0.150	9.611	0.503	0.394	60.313
STANDARD DEVIATION	8.818	0.510	0.480	0.189	2.182	0.300	0.325	12.054
N SIZE	16.000							

Part ID= C4 - SQUARE CUT

C4 Y1 Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	G1TOT	G2TOT	G3TOT	G4TOT	L2TOT	L3TOT	L4TOT	TGF
Aguirre, Nancy P	0.49	-0.15	-0.12	0.27	-0.70	0.13	0.45	0.39
Cales, Jonathon	-1.12	0.36	-0.26	-0.27	-0.33	1.46	0.33	-1.19
Cumberworth, Lee	-0.45	1.15	-0.16	-0.27	-0.45	0.33	0.02	0.14
Goulais, Ed	-0.67	3.30	3.59	2.39	-0.23	2.16	3.41	-1.52
Hill, Howard P.	0.79	-0.37	-0.49	-0.74	-0.04	-1.24	-0.81	0.31
Kawarasaki, Ikuyasu	-1.30	0.03	-0.12	0.27	0.38	1.56	-0.23	-0.52
Lonsway, Chris	-0.88	-0.54	-0.37	-0.53	-0.97	-0.34	-0.50	-0.69
May, Marianne	0.48	-0.13	-0.55	-0.80	-0.41	-0.81	-0.63	0.31
Mueller, Stefan	0.75	-0.29	-0.37	-0.27	-0.62	-0.91	-0.50	2.05
Pitta, Jimmy	-0.88	-0.39	-0.16	-0.74	0.62	0.06	0.17	0.22
Richards, Craig	-1.23	-0.93	-0.16	0.27	-1.44	-0.88	-0.54	-1.93
Sanchez, Arthur	1.65	-0.39	-0.37	-0.27	1.67	-0.01	-0.35	0.64
Seiz, Ray	1.48	-0.74	-0.49	-0.69	2.62	-1.11	-0.63	0.97
Stremlow, Mike	-0.06	-0.29	0.67	2.39	0.13	0.13	0.48	0.55
Trevino, Bobby	-0.35	-0.54	-0.49	-0.74	-0.54	-0.68	-0.63	-0.36
Zalewski, John	1.30	-0.09	-0.16	-0.27	0.32	0.16	-0.04	0.64
MAXIMUM	1.65	3.30	3.59	2.39	2.62	2.16	3.41	2.05
MINIMUM	-0.06	0.03	-0.12	0.27	-0.04	-0.01	0.02	0.14
RANGE(MAX-MIN)	1.703	3.276	3.710	2.122	2.658	2.169	3.389	1.908
MEAN	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
STANDARD DEVIATION	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
N SIZE	16.000							

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Part ID= C4 - SQUARE CUT

Rated Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	G1TOT	G2TOT	G3TOT	G4TOT	I2TOT	I3TOT	I4TOT	TGF
Aguirre, Nancy P	61.94	0.64	0.22	0.20	8.08	0.54	0.54	65.00
Cales, Jonathon	47.78	0.90	0.15	0.10	8.90	0.94	0.50	46.00
Cumberworth, Lee	53.67	1.30	0.20	0.10	8.63	0.60	0.40	62.00
Hill, Howard P.	64.55	0.53	0.04	0.01	9.52	0.13	0.13	64.00
Kawarasaki, Ikuyasu	46.14	0.73	0.22	0.20	10.45	0.97	0.32	54.00
Lonsway, Chris	49.90	0.44	0.10	0.05	7.49	0.40	0.23	52.00
May, Marianne	61.84	0.65	0.01	0.00	8.71	0.26	0.19	64.00
Mueller, Stefan	64.25	0.57	0.10	0.10	8.25	0.23	0.23	85.00
Pitta, Jimmy	49.89	0.52	0.20	0.01	10.97	0.52	0.45	63.00
Richards, Craig	46.80	0.24	0.20	0.20	6.47	0.24	0.22	37.00
Sanchez, Arthur	72.14	0.52	0.10	0.10	13.25	0.50	0.28	68.00
Seiz, Ray	70.65	0.34	0.04	0.02	15.32	0.17	0.19	72.00
Stremlow, Mike	57.12	0.57	0.60	0.60	9.89	0.54	0.55	67.00
Trevino, Bobby	54.55	0.44	0.04	0.01	8.44	0.30	0.19	56.00
Zalewski, John	69.11	0.67	0.20	0.10	10.30	0.55	0.38	68.00
MAXIMUM	72.14	1.30	0.60	0.60	15.32	0.97	0.55	85.00
MINIMUM	46.14	0.24	0.01	0.00	6.47	0.13	0.13	37.00
RANGE(MAX-MIN)	26.000	1.060	0.590	0.600	8.850	0.840	0.420	48.000
MEAN	58.022	0.604	0.161	0.120	9.645	0.459	0.320	61.533
STANDARD DEVIATION	8.980	0.250	0.142	0.151	2.254	0.254	0.140	11.407
N SIZE	15.000							

Part ID= C4 - SQUARE CUT

C4 YI Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	G1TOT	G2TOT	G3TOT	G4TOT	I2TOT	I3TOT	I4TOT	TGF
Aguirre, Nancy P	0.44	0.14	0.41	0.53	-0.69	0.32	1.57	0.30
Cales, Jonathon	-1.14	1.19	-0.08	-0.13	-0.33	1.90	1.28	-1.36
Cumberworth, Lee	-0.48	2.79	0.27	-0.13	-0.45	0.55	0.57	0.04
Hill, Howard P.	0.73	-0.30	-0.85	-0.73	-0.06	-1.30	-1.36	0.22
Kawarasaki, Ikuyasu	-1.32	0.50	0.41	0.53	0.36	2.01	0.00	-0.66
Lonsway, Chris	-0.90	-0.66	-0.43	-0.47	-0.96	-0.23	-0.64	-0.84
May, Marianne	0.43	0.18	-1.06	-0.80	-0.41	-0.79	-0.93	0.22
Mueller, Stefan	0.69	-0.14	-0.43	-0.13	-0.62	-0.90	-0.64	2.06
Pitta, Jimmy	-0.91	-0.34	0.27	-0.73	0.59	0.24	0.93	0.13
Richards, Craig	-1.25	-1.46	0.27	0.53	-1.41	-0.87	-0.71	-2.15
Sanchez, Arthur	1.57	-0.34	-0.43	-0.13	1.60	0.16	-0.29	0.57
Seiz, Ray	1.41	-1.06	-0.85	-0.66	2.52	-1.14	-0.93	0.92
Stremlow, Mike	-0.10	-0.14	3.08	3.19	0.11	0.32	1.64	0.48
Trevino, Bobby	-0.39	-0.66	-0.85	-0.73	-0.53	-0.63	-0.93	-0.49
Zalewski, John	1.23	0.26	0.27	-0.13	0.29	0.36	0.43	0.57
MAXIMUM	1.57	2.79	3.08	3.19	2.52	2.01	1.64	-2.15
MINIMUM	-0.10	-0.14	-0.08	-0.13	-0.06	0.16	0.00	0.04
RANGE(MAX-MIN)	1.673	2.922	3.161	3.322	2.573	1.854	1.641	-2.192
MEAN	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
STANDARD DEVIATION	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
N SIZE	15.000							

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Part ID= C5 - SEQUENCE III

Rated Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	UCTOT	THTOT	ATTOT
Aguirre, Nancy P	22.65	30.25	0.84	31.51	24.55	2.38	0.95	0.11
Avis, Steven	22.10	33.25	0.98	49.00	24.81	2.44	1.43	0.00
Escobar, Wilmar	22.79	28.75	0.69	41.25	24.90	3.18	1.39	0.00
Goulais, Ed	11.15	23.40	2.00	33.70	8.81	5.80	2.20	0.00
Hill, Howard P.	22.95	31.00	0.48	45.01	24.35	3.89	1.04	0.01
Kawarasaki, Ikuyasu	22.42	31.75	0.99	40.02	24.14	2.48	1.04	0.23
Kraemer, Vernon	38.24	28.75	1.03	39.56	24.22	3.45	1.76	0.13
Lonsway, Chris	22.52	32.50	0.80	43.53	24.60	4.27	1.41	0.10
May, Marianne	24.34	34.00	0.62	46.75	24.58	3.17	1.64	0.02
Mueller, Stefan	21.85	88.65	1.39	40.87	33.58	3.45	0.77	0.10
Pitta, Jimmy	37.00	31.00	0.65	40.51	24.37	3.12	1.50	0.20
Richards, Craig	26.05	32.50	0.26	44.50	26.76	0.36	0.31	0.10
Seiz, Ray	49.38	34.75	1.18	52.52	28.80	3.83	0.97	0.04
Stremlow, Mike	23.24	25.00	1.23	46.00	24.40	2.17	0.95	0.20
Trevino, Bobby	23.36	30.25	0.96	40.75	24.78	2.95	0.99	0.10
Zalewski, John	60.32	33.25	1.20	47.51	24.33	2.99	2.04	0.00
MAXIMUM	60.32	88.65	2.00	52.52	33.58	5.80	2.20	0.23
MINIMUM	11.15	23.40	0.26	31.51	8.81	0.36	0.31	0.00
RANGE(MAX-MIN)	49.170	65.250	1.740	21.010	24.770	5.440	1.890	0.230
MEAN	28.148	34.316	0.956	42.687	24.499	3.121	1.274	0.084
STANDARD DEVIATION	12.241	14.812	0.408	5.374	4.850	1.149	0.490	0.078
N SIZE	16.000							

Part ID= C5 - SEQUENCE III

C5 Y1 Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	UCTOT	THTOT	ATTOT
Aguirre, Nancy P	-0.45	-0.27	-0.29	-2.08	0.01	-0.64	-0.66	0.34
Avis, Steven	-0.49	-0.07	0.06	1.17	0.06	-0.59	0.32	-1.07
Escobar, Wilmar	-0.44	-0.38	-0.65	-0.27	0.08	0.05	0.24	-1.07
Goulais, Ed	-1.39	-0.74	2.56	-1.67	-3.23	2.33	1.89	-1.07
Hill, Howard P.	-0.42	-0.22	-1.17	0.43	-0.03	0.67	-0.48	-0.94
Kawarasaki, Ikuyasu	-0.47	-0.17	0.08	-0.50	-0.07	-0.56	-0.48	1.87
Kraemer, Vernon	0.82	-0.38	0.18	-0.58	-0.06	0.29	0.99	0.59
Lonsway, Chris	-0.46	-0.12	-0.38	0.16	0.02	1.00	0.28	0.21
May, Marianne	-0.31	-0.02	-0.82	0.76	0.02	0.04	0.75	-0.82
Mueller, Stefan	-0.51	3.67	1.06	-0.34	1.87	0.29	-1.03	0.21
Pitta, Jimmy	0.72	-0.22	-0.75	-0.41	-0.03	0.00	0.46	1.49
Richards, Craig	-0.17	-0.12	-1.71	0.34	0.47	-2.40	-1.97	0.21
Seiz, Ray	1.73	0.03	0.55	1.83	0.89	0.62	-0.62	-0.56
Stremlow, Mike	-0.40	-0.63	0.67	0.62	-0.02	-0.83	-0.66	1.49
Trevino, Bobby	-0.39	-0.27	0.01	-0.36	0.06	-0.15	-0.58	0.21
Zalewski, John	2.63	-0.07	0.60	0.90	-0.03	-0.11	1.56	-1.07
MAXIMUM	2.63	3.67	2.56	-2.08	-3.23	-2.40	-1.97	1.87
MINIMUM	-0.17	-0.02	0.01	0.16	0.01	0.00	0.24	0.21
RANGE(MAX-MIN)	2.800	3.690	2.549	-2.237	-3.245	-2.402	-2.205	1.662
MEAN	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
STANDARD DEVIATION	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
N SIZE	16.000							

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Part ID= C5 - SEQUENCE III

Rated Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	UCTOT	THTOT	ATTOT
Aguirre, Nancy P	22.65	30.25	0.84	31.51	24.55	2.38	0.95	0.11
Avis, Steven	22.10	33.25	0.98	49.00	24.81	2.44	1.43	0.00
Escobar, Wilmar	22.79	28.75	0.69	41.25	24.90	3.18	1.39	0.00
Hill, Howard P.	22.95	31.00	0.48	45.01	24.35	3.89	1.04	0.01
Kawarasaki, Ikuyasu	22.42	31.75	0.99	40.02	24.14	2.48	1.04	0.23
Kraemer, Vernon	38.24	28.75	1.03	39.56	24.22	3.45	1.76	0.13
Lonsway, Chris	22.52	32.50	0.80	43.53	24.60	4.27	1.41	0.10
May, Marianne	24.34	34.00	0.62	46.75	24.58	3.17	1.64	0.02
Pitta, Jimmy	37.00	31.00	0.65	40.51	24.37	3.12	1.50	0.20
Richards, Craig	26.05	32.50	0.26	44.50	26.76	0.36	0.31	0.10
Seiz, Ray	49.38	34.75	1.18	52.52	28.80	3.83	0.97	0.04
Stremlow, Mike	23.24	25.00	1.23	46.00	24.40	2.17	0.95	0.20
Trevino, Bobby	23.36	30.25	0.96	40.75	24.78	2.95	0.99	0.10
Zalewski, John	60.32	33.25	1.20	47.51	24.33	2.99	2.04	0.00
MAXIMUM	60.32	34.75	1.23	52.52	28.80	4.27	2.04	0.23
MINIMUM	22.10	25.00	0.26	31.51	24.14	0.36	0.31	0.00
RANGE(MAX-MIN)	38.220	9.750	0.970	21.010	4.660	3.910	1.730	0.230
MEAN	29.811	31.214	0.851	43.459	24.971	2.906	1.244	0.089
STANDARD DEVIATION	12.026	2.555	0.286	5.119	1.275	0.956	0.436	0.080
N SIZE	14.000							

Part ID= C5 - SEQUENCE III

C5 YI Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	UCTOT	THTOT	ATTOT
Aguirre, Nancy P	-0.60	-0.38	-0.04	-2.33	-0.33	-0.55	-0.67	0.27
Avis, Steven	-0.64	0.80	0.45	1.08	-0.13	-0.49	0.43	-1.10
Escobar, Wilmar	-0.58	-0.96	-0.56	-0.43	-0.06	0.29	0.33	-1.10
Hill, Howard P.	-0.57	-0.08	-1.30	0.30	-0.49	1.03	-0.47	-0.98
Kawarasaki, Ikuyasu	-0.61	0.21	0.49	-0.67	-0.65	-0.45	-0.47	1.76
Kraemer, Vernon	0.70	-0.96	0.63	-0.76	-0.59	0.57	1.18	0.51
Lonsway, Chris	-0.61	0.50	-0.18	0.01	-0.29	1.43	0.38	0.14
May, Marianne	-0.46	1.09	-0.81	0.64	-0.31	0.28	0.91	-0.85
Pitta, Jimmy	0.60	-0.08	-0.70	-0.58	-0.47	0.22	0.59	1.38
Richards, Craig	-0.31	0.50	-2.07	0.20	1.40	-2.66	-2.14	0.14
Seiz, Ray	1.63	1.38	1.15	1.77	3.00	0.97	-0.63	-0.60
Stremlow, Mike	-0.55	-2.43	1.33	0.50	-0.45	-0.77	-0.67	1.38
Trevino, Bobby	-0.54	-0.38	0.38	-0.53	-0.15	0.05	-0.58	0.14
Zalewski, John	2.54	0.80	1.22	0.79	-0.50	0.09	1.82	-1.10
MAXIMUM	2.54	-2.43	-2.07	-2.33	3.00	-2.66	-2.14	1.76
MINIMUM	-0.31	-0.08	-0.04	0.01	-0.06	0.05	0.33	0.14
RANGE(MAX-MIN)	2.850	-2.348	-2.028	-2.348	3.059	-2.710	-2.476	1.616
MEAN	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
STANDARD DEVIATION	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
N SIZE	14.000							

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Part ID= C6 - ARTICULATED 2-PIECE

Rated Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	G1TOT	G2TOT	G3TOT	OCTOT	L1TOT	L2TOT	L3TOT	L4TOT	TGF	2ndGF	TLHC	TLEC
Aguirre, Nancy P	36.80	9.30	1.43	9.80	35.29	5.18	2.10	0.98	27.00	2.00	18.00	1.00
Cumberworth, Lee	35.83	10.58	1.38	9.53	32.33	8.52	3.20	1.21	33.00	5.00	13.00	8.00
Escobar, Wilmar	37.38	9.05	1.78	8.95	48.97	5.13	2.86	0.83	24.00	2.00	39.00	0.00
Goulais, Ed	35.42	19.20	3.40	7.50	22.40	6.51	4.18	2.75	20.00	10.00	10.00	0.00
Hill, Howard P.	41.60	9.12	1.48	10.83	50.62	6.02	2.78	1.00	49.00	7.00	40.00	1.00
Lonsway, Chris	28.25	9.01	1.12	6.83	21.72	5.78	1.91	0.60	24.00	3.00	2.00	9.00
May, Marianne	37.81	10.28	0.74	9.68	35.74	6.22	1.50	0.68	30.00	2.00	19.00	2.00
Mueller, Stefan	46.08	9.21	2.61	8.81	52.10	7.90	2.84	1.91	65.00	20.00	44.00	20.00
Pitta, Jimmy	41.08	11.50	2.13	7.36	23.98	7.82	2.14	1.19	52.00	11.00	2.00	0.00
Richards, Craig	34.01	5.70	0.42	7.50	25.00	0.97	0.33	0.22	40.00	6.00	0.00	29.00
Seiz, Ray	51.90	10.85	2.06	8.81	42.99	7.35	1.53	1.20	38.00	9.00	31.00	0.00
Stremlow, Mike	46.04	10.76	1.72	6.90	44.36	5.75	1.79	0.85	51.00	17.00	31.00	2.00
Zalewski, John	36.93	12.26	1.10	2.70	44.30	7.56	1.36	0.24	45.00	8.00	33.00	0.00
MAXIMUM	51.90	19.20	3.40	10.83	52.10	8.52	4.18	2.75	65.00	20.00	44.00	29.00
MINIMUM	28.25	5.70	0.42	2.70	21.72	0.97	0.33	0.22	20.00	2.00	0.00	0.00
RANGE(MAX-MIN)	23.650	13.500	2.980	8.130	30.380	7.550	3.850	2.530	45.000	18.000	44.000	29.000
MEAN	39.164	10.525	1.644	8.092	36.908	6.208	2.194	1.051	38.308	7.846	21.692	5.538
STANDARD DEVIATION	6.146	3.060	0.789	2.043	11.130	1.917	0.979	0.676	13.518	5.669	15.580	9.116
N SIZE	13.000											

Part ID= C6 - ARTICULATED 2-PIECE

C6 Y1 Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	G1TOT	G2TOT	G3TOT	OCTOT	L1TOT	L2TOT	L3TOT	L4TOT	TGF	2ndGF	TLHC	TLEC
Aguirre, Nancy P	-0.38	-0.40	-0.27	0.84	-0.15	-0.54	-0.10	-0.10	-0.84	-1.03	-0.24	-0.50
Cumberworth, Lee	-0.54	0.02	-0.33	0.70	-0.41	1.21	1.03	0.24	-0.39	-0.50	-0.56	0.27
Escobar, Wilmar	-0.29	-0.48	0.17	0.42	1.08	-0.56	0.68	-0.33	-1.06	-1.03	1.11	-0.61
Goulais, Ed	-0.61	2.83	2.22	-0.29	-1.30	0.16	2.03	2.52	-1.35	0.38	-0.75	-0.61
Hill, Howard P.	0.40	-0.46	-0.21	1.34	1.23	-0.10	0.60	-0.08	0.79	-0.15	1.18	-0.50
Lonsway, Chris	-1.78	-0.49	-0.66	-0.62	-1.36	-0.22	-0.29	-0.67	-1.06	-0.85	-1.26	0.38
May, Marianne	-0.22	-0.08	-1.14	0.78	-0.10	0.01	-0.71	-0.55	-0.61	-1.03	-0.17	-0.39
Mueller, Stefan	1.13	-0.43	1.22	0.35	1.37	0.88	0.66	1.27	1.97	2.14	1.43	1.59
Pitta, Jimmy	0.31	0.32	0.62	-0.36	-1.16	0.84	-0.06	0.21	1.01	0.56	-1.26	-0.61
Richards, Craig	-0.84	-1.58	-1.55	-0.29	-1.07	-2.73	-1.90	-1.23	0.13	-0.33	-1.39	2.57
Seiz, Ray	2.07	0.11	0.53	0.35	0.55	0.60	-0.68	0.22	-0.02	0.20	0.60	-0.61
Stremlow, Mike	1.12	0.08	0.10	-0.58	0.67	-0.24	-0.41	-0.30	0.94	1.61	0.60	-0.39
Zalewski, John	-0.36	0.57	-0.69	-2.64	0.66	0.70	-0.85	-1.20	0.50	0.03	0.73	-0.61
MAXIMUM	2.07	2.83	2.22	-2.64	1.37	-2.73	2.03	2.52	1.97	2.14	1.43	2.57
MINIMUM	-0.22	0.02	0.10	-0.29	-0.10	0.01	-0.06	-0.08	-0.02	0.03	-0.17	0.27
RANGE(MAX-MIN)	2.293	2.817	2.128	-2.349	1.470	-2.738	2.083	2.590	1.997	2.117	1.605	2.304
MEAN	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
STANDARD DEVIATION	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
N SIZE	13.000											

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Part ID= C7 - SEQUENCE III

Rated Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	UCTOT	THTOT	ATTOT
Cales, Jonathon	4.31	29.50	3.07	27.83	20.06	7.77	0.44	0.10
Goulais, Ed	5.45	20.15	3.75	11.38	9.15	8.20	0.50	0.25
Hill, Howard P.	3.00	27.25	2.38	36.76	16.90	10.00	0.47	0.07
Kawarasaki, Ikuyasu	8.50	28.75	1.22	26.51	26.82	6.65	0.26	0.28
Kraemer, Vernon	3.82	34.00	2.35	31.72	16.99	7.60	0.62	0.43
Lonsway, Chris	6.21	28.00	2.78	31.53	19.64	8.50	0.17	0.38
May, Marianne	7.58	28.75	2.01	33.05	18.73	7.96	0.36	0.15
Mueller, Stefan	2.65	47.50	2.20	36.25	39.65	6.10	0.16	0.10
Pitta, Jimmy	8.83	31.00	2.75	30.01	19.28	8.05	0.64	0.06
Richards, Craig	10.70	25.00	3.87	34.00	18.17	7.00	1.20	1.00
Seiz, Ray	6.22	28.75	3.01	48.27	25.14	7.96	0.30	0.07
Stremlow, Mike	2.45	31.00	2.17	33.82	18.85	6.59	1.13	0.58
Trevino, Bobby	6.96	26.50	2.19	31.00	19.73	7.63	0.37	0.20
Zalewski, John	3.65	33.25	2.80	35.33	19.32	7.75	0.55	0.19
MAXIMUM	10.70	47.50	3.87	48.27	39.65	10.00	1.20	1.00
MINIMUM	2.45	20.15	1.22	11.38	9.15	6.10	0.16	0.06
RANGE(MAX-MIN)	8.250	27.350	2.650	36.890	30.500	3.900	1.040	0.940
MEAN	5.738	29.957	2.611	31.961	20.602	7.697	0.512	0.276
STANDARD DEVIATION	2.559	6.112	0.696	7.859	6.781	0.955	0.314	0.259
N SIZE	14.000							

Part ID= C7 - SEQUENCE III

C7 Y1 Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	UCTOT	THTOT	ATTOT
Cales, Jonathon	-0.56	-0.07	0.66	-0.53	-0.08	0.08	-0.23	-0.68
Goulais, Ed	-0.11	-1.60	1.64	-2.62	-1.69	0.53	-0.04	-0.10
Hill, Howard P.	-1.07	-0.44	-0.33	0.61	-0.55	2.41	-0.13	-0.79
Kawarasaki, Ikuyasu	1.08	-0.20	-2.00	-0.69	0.92	-1.10	-0.80	0.02
Kraemer, Vernon	-0.75	0.66	-0.37	-0.03	-0.53	-0.10	0.34	0.59
Lonsway, Chris	0.18	-0.32	0.24	-0.05	-0.14	0.84	-1.09	0.40
May, Marianne	0.72	-0.20	-0.86	0.14	-0.28	0.28	-0.48	-0.48
Mueller, Stefan	-1.21	2.87	-0.59	0.55	2.81	-1.67	-1.12	-0.68
Pitta, Jimmy	1.21	0.17	0.20	-0.25	-0.20	0.37	0.41	-0.83
Richards, Craig	1.94	-0.81	1.81	0.26	-0.36	-0.73	2.19	2.79
Seiz, Ray	0.19	-0.20	0.57	2.08	0.67	0.28	-0.67	-0.79
Stremlow, Mike	-1.28	0.17	-0.63	0.24	-0.26	-1.16	1.97	1.17
Trevino, Bobby	0.48	-0.57	-0.60	-0.12	-0.13	-0.07	-0.45	-0.29
Zalewski, John	-0.82	0.54	0.27	0.43	-0.19	0.06	0.12	-0.33
MAXIMUM	1.94	2.87	-2.00	-2.62	2.81	2.41	2.19	2.79
MINIMUM	-0.11	-0.07	0.20	-0.03	-0.08	0.06	-0.04	0.02
RANGE(MAX-MIN)	2.051	2.945	-2.199	-2.588	2.889	2.357	2.227	2.776
MEAN	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
STANDARD DEVIATION	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
N SIZE	14.000							

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Part ID= C8 - SEQUENCE III

Rated Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	UCTOT	THIOT	ATTOT	
Cales, Jonathon	8.11	25.00	2.65	25.75	25.00	7.20	0.67	0.10	
Goulais, Ed	7.35	13.80	4.25	13.00	9.60	8.05	0.15	0.00	
Hill, Howard P.	11.25	25.00	1.33	33.25	24.04	7.23	0.25	0.17	
Lonsway, Chris	11.80	25.00	2.01	27.25	25.00	7.81	0.38	0.20	
May, Marianne	9.89	26.50	1.71	29.50	25.00	7.24	0.49	0.21	
Mueller, Stefan	9.60	100.00	2.79	92.50	100.00	6.01	0.24	0.12	
Pitta, Jimmy	12.58	25.00	2.05	32.50	25.75	7.50	0.76	0.42	
Richards, Craig	11.43	25.00	0.46	31.00	25.00	7.30	0.13	0.11	
Seiz, Ray	7.10	51.25	2.14	47.26	24.76	7.12	0.73	0.25	
Stremlow, Mike	10.93	25.00	1.90	28.75	25.00	6.41	2.20	1.23	
Trevino, Bobby	8.02	25.00	1.87	30.25	25.00	7.06	0.40	0.21	
Zalewski, John	7.92	36.25	1.98	33.00	24.75	6.66	0.29	0.14	
MAXIMUM	12.58	100.00	4.25	92.50	100.00	8.05	2.20	1.23	
MINIMUM	7.10	13.80	0.46	13.00	9.60	6.01	0.13	0.00	
RANGE(MAX-MIN)	5.480	86.200	3.790	79.500	90.400	2.040	2.070	1.230	
MEAN	9.665	33.567	2.095	35.334	29.908	7.133	0.558	0.263	
STANDARD DEVIATION	1.918	22.739	0.902	19.554	22.512	0.564	0.561	0.321	
N SIZE	12.000								

Part ID= C8 - SEQUENCE III

C8 YI Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	UCTOT	THIOT	ATTOT	
Cales, Jonathon	-0.81	-0.38	0.62	-0.49	-0.22	0.12	0.20	-0.51	
Goulais, Ed	-1.21	-0.87	2.39	-1.14	-0.90	1.63	-0.73	-0.82	
Hill, Howard P.	0.83	-0.38	-0.85	-0.11	-0.26	0.17	-0.55	-0.29	
Lonsway, Chris	1.11	-0.38	-0.09	-0.41	-0.22	1.20	-0.32	-0.20	
May, Marianne	0.12	-0.31	-0.43	-0.30	-0.22	0.19	-0.12	-0.17	
Mueller, Stefan	-0.03	2.92	0.77	2.92	3.11	-1.99	-0.57	-0.45	
Pitta, Jimmy	1.52	-0.38	-0.05	-0.14	-0.18	0.65	0.36	0.49	
Richards, Craig	0.92	-0.38	-1.81	-0.22	-0.22	0.30	-0.76	-0.48	
Seiz, Ray	-1.34	0.78	0.05	0.61	-0.23	-0.02	0.31	-0.04	
Stremlow, Mike	0.66	-0.38	-0.22	-0.34	-0.22	-1.28	2.93	3.01	
Trevino, Bobby	-0.86	-0.38	-0.25	-0.26	-0.22	-0.13	-0.28	-0.17	
Zalewski, John	-0.91	0.12	-0.13	-0.12	-0.23	-0.84	-0.48	-0.38	
MAXIMUM	1.52	2.92	2.39	2.92	3.11	-1.99	2.93	3.01	
MINIMUM	-0.03	0.12	-0.05	-0.11	-0.18	-0.02	-0.12	-0.04	
RANGE(MAX-MIN)	1.554	2.804	2.438	3.030	3.298	-1.968	3.050	3.054	
MEAN	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
STANDARD DEVIATION	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
N SIZE	12.000								

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Part ID= C8 - SEQUENCE III

Rated Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	UCTOT	THIOT	ATTOT
Cales, Jonathon	8.11	25.00	2.65	25.75	25.00	7.20	0.67	0.10
Goulais, Ed	7.35	13.80	4.25	13.00	9.60	8.05	0.15	0.00
Hill, Howard P.	11.25	25.00	1.33	33.25	24.04	7.23	0.25	0.17
Lonsway, Chris	11.80	25.00	2.01	27.25	25.00	7.81	0.38	0.20
May, Marianne	9.89	26.50	1.71	29.50	25.00	7.24	0.49	0.21
Pitta, Jimmy	12.58	25.00	2.05	32.50	25.75	7.50	0.76	0.42
Richards, Craig	11.43	25.00	0.46	31.00	25.00	7.30	0.13	0.11
Seiz, Ray	7.10	51.25	2.14	47.26	24.76	7.12	0.73	0.25
Trevino, Bobby	8.02	25.00	1.87	30.25	25.00	7.06	0.40	0.21
Zalewski, John	7.92	36.25	1.98	33.00	24.75	6.66	0.29	0.14
MAXIMUM	12.58	51.25	4.25	47.26	25.75	8.05	0.76	0.42
MINIMUM	7.10	13.80	0.46	13.00	9.60	6.66	0.13	0.00
RANGE(MAX-MIN)	5.480	37.450	3.790	34.260	16.150	1.390	0.630	0.420
MEAN	9.545	27.780	2.045	30.276	23.390	7.317	0.425	0.181
STANDARD DEVIATION	2.074	9.809	0.967	8.425	4.863	0.391	0.232	0.111
N SIZE	10.000							

Part ID= C8 - SEQUENCE III

C8 Y1 Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	UCTOT	THIOT	ATTOT
Cales, Jonathon	-0.69	-0.28	0.63	-0.54	0.33	-0.30	1.06	-0.73
Goulais, Ed	-1.06	-1.43	2.28	-2.05	-2.84	1.87	-1.19	-1.64
Hill, Howard P.	0.82	-0.28	-0.74	0.35	0.13	-0.22	-0.75	-0.10
Lonsway, Chris	1.09	-0.28	-0.04	-0.36	0.33	1.26	-0.19	0.17
May, Marianne	0.17	-0.13	-0.35	-0.09	0.33	-0.20	0.28	0.26
Pitta, Jimmy	1.46	-0.28	0.01	0.26	0.49	0.47	1.45	2.16
Richards, Craig	0.91	-0.28	-1.64	0.09	0.33	-0.04	-1.27	-0.64
Seiz, Ray	-1.18	2.39	0.10	2.02	0.28	-0.50	1.32	0.62
Trevino, Bobby	-0.74	-0.28	-0.18	0.00	0.33	-0.66	-0.11	0.26
Zalewski, John	-0.78	0.86	-0.07	0.32	0.28	-1.68	-0.58	-0.37
MAXIMUM	1.46	2.39	2.28	-2.05	-2.84	1.87	1.45	2.16
MINIMUM	0.17	-0.13	0.01	0.00	0.13	-0.04	-0.11	-0.10
RANGE(MAX-MIN)	1.297	2.523	2.276	-2.047	-2.969	1.917	1.553	2.261
MEAN	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
STANDARD DEVIATION	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
N SIZE	10.000							

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Part ID= K1-6 - C13 2ND RING CARBON

Rated Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	R1DEME	R2DEME	R3DEME	R4DEME	R5DEME	R6DEME
Barrera, Tony	20.00	9.00	52.00	14.00	10.00	11.00
Castillo, George	20.00	14.00	60.00	15.00	11.00	18.00
Foecking, Brian	19.00	11.00	52.00	15.00	10.00	14.00
Guarda, Waldyr	22.00	6.00	48.00	20.00	12.00	18.00
Hill, Howard P.	20.00	8.00	40.00	16.00	12.00	15.00
Kraemer, Vernon	15.00	10.00	24.00	8.00	8.00	10.00
May, Marianne	17.00	9.00	46.00	11.00	8.00	13.00
Sanchez, Arthur	18.00	16.00	54.00	17.00	13.00	14.00
Seiz, Ray	34.00	9.00	65.00	23.00	14.00	17.00
Stremlow, Mike	22.00	9.00	66.00	14.00	7.00	12.00
Viera, Ralph B.	20.00	15.00	33.00	14.00	12.00	13.00
MAXIMUM	34.00	16.00	66.00	23.00	14.00	18.00
MINIMUM	15.00	6.00	24.00	8.00	7.00	10.00
RANGE(MAX-MIN)	19.000	10.000	42.000	15.000	7.000	8.000
MEAN	20.636	10.545	49.091	15.182	10.636	14.091
STANDARD DEVIATION	4.884	3.142	12.965	4.020	2.248	2.700
N SIZE	11.000					

Part ID= K1-6 - C13 2ND RING CARBON

K1-6 Y1 Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	R1DEME	R2DEME	R3DEME	R4DEME	R5DEME	R6DEME
Barrera, Tony	-0.13	-0.49	0.22	-0.29	-0.28	-1.14
Castillo, George	-0.13	1.10	0.84	-0.05	0.16	1.45
Foecking, Brian	-0.34	0.14	0.22	-0.05	-0.28	-0.03
Guarda, Waldyr	0.28	-1.45	-0.08	1.20	0.61	1.45
Hill, Howard P.	-0.13	-0.81	-0.70	0.20	0.61	0.34
Kraemer, Vernon	-1.15	-0.17	-1.94	-1.79	-1.17	-1.52
May, Marianne	-0.74	-0.49	-0.24	-1.04	-1.17	-0.40
Sanchez, Arthur	-0.54	1.74	0.38	0.45	1.05	-0.03
Seiz, Ray	2.74	-0.49	1.23	1.94	1.50	1.08
Stremlow, Mike	0.28	-0.49	1.30	-0.29	-1.62	-0.77
Viera, Ralph B.	-0.13	1.42	-1.24	-0.29	0.61	-0.40
MAXIMUM	2.74	1.74	-1.94	1.94	-1.62	-1.52
MINIMUM	-0.13	0.14	-0.08	-0.05	0.16	-0.03
RANGE(MAX-MIN)	2.866	1.591	-1.851	1.990	-1.779	-1.481
MEAN	0.000	0.000	0.000	0.000	0.000	0.000
STANDARD DEVIATION	1.000	1.000	1.000	1.000	1.000	1.000
N SIZE	11.000					

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Part ID= K1-6 - C13 2ND RING CARBON

Rated Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	R1DEME	R2DEME	R3DEME	R4DEME	R5DEME	R6DEME
Barrera, Tony	20.00	9.00	52.00	14.00	10.00	11.00
Castillo, George	20.00	14.00	60.00	15.00	11.00	18.00
Foecking, Brian	19.00	11.00	52.00	15.00	10.00	14.00
Guarda, Waldyr	22.00	6.00	48.00	20.00	12.00	18.00
Hill, Howard P.	20.00	8.00	40.00	16.00	12.00	15.00
Kraemer, Vernon	15.00	10.00	24.00	8.00	8.00	10.00
May, Marianne	17.00	9.00	46.00	11.00	8.00	13.00
Sanchez, Arthur	18.00	16.00	54.00	17.00	13.00	14.00
Stremlow, Mike	22.00	9.00	66.00	14.00	7.00	12.00
Viera, Ralph B.	20.00	15.00	33.00	14.00	12.00	13.00
MAXIMUM	22.00	16.00	66.00	20.00	13.00	18.00
MINIMUM	15.00	6.00	24.00	8.00	7.00	10.00
RANGE(MAX-MIN)	7.000	10.000	42.000	12.000	6.000	8.000
MEAN	19.300	10.700	47.500	14.400	10.300	13.800
STANDARD DEVIATION	2.163	3.268	12.483	3.239	2.058	2.658
N SIZE	10.000					

Part ID= K1-6 - C13 2ND RING CARBON

K1-6 Y1 Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	R1DEME	R2DEME	R3DEME	R4DEME	R5DEME	R6DEME
Barrera, Tony	0.32	-0.52	0.36	-0.12	-0.15	-1.05
Castillo, George	0.32	1.01	1.00	0.19	0.34	1.58
Foecking, Brian	-0.14	0.09	0.36	0.19	-0.15	0.08
Guarda, Waldyr	1.25	-1.44	0.04	1.73	0.83	1.58
Hill, Howard P.	0.32	-0.83	-0.60	0.49	0.83	0.45
Kraemer, Vernon	-1.99	-0.21	-1.88	-1.98	-1.12	-1.43
May, Marianne	-1.06	-0.52	-0.12	-1.05	-1.12	-0.30
Sanchez, Arthur	-0.60	1.62	0.52	0.80	1.31	0.08
Stremlow, Mike	1.25	-0.52	1.48	-0.12	-1.60	-0.68
Viera, Ralph B.	0.32	1.32	-1.16	-0.12	0.83	-0.30
MAXIMUM	-1.99	1.62	-1.88	-1.98	-1.60	1.58
MINIMUM	-0.14	0.09	0.04	-0.12	-0.15	0.08
RANGE(MAX-MIN)	-1.849	1.530	-1.923	-1.853	-1.458	1.505
MEAN	0.000	0.000	0.000	0.000	0.000	0.000
STANDARD DEVIATION	1.000	1.000	1.000	1.000	1.000	1.000
N SIZE	10.000					

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Part ID= L1-6 - C13 2ND RING CARBON

Rated Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	R1DEME	R2DEME	R3DEME	R4DEME	R5DEME	R6DEME
Barrera, Tony	9.00	8.00	34.00	32.00	16.00	22.00
Castillo, George	10.00	9.00	32.00	34.00	18.00	24.00
DeCapite, Vanessa	10.00	11.00	20.00	23.00	14.00	17.00
Foecking, Brian	11.00	11.00	42.00	52.00	18.00	26.00
Guarda, Waldyr	12.00	15.00	34.00	37.00	22.00	22.00
Hill, Howard P.	9.00	12.00	39.00	43.00	24.00	26.00
King, Jennifer	22.00	12.00	34.00	40.00	16.00	28.00
Kraemer, Vernon	7.00	8.00	24.00	31.00	16.00	22.00
Lonsway, Chris	8.00	8.00	35.00	32.00	16.00	23.00
May, Marianne	9.00	10.00	29.00	30.00	14.00	21.00
Seiz, Ray	18.00	12.00	51.00	53.00	25.00	37.00
Viera, Ralph B.	14.00	14.00	31.00	38.00	18.00	22.00
MAXIMUM	22.00	15.00	51.00	53.00	25.00	37.00
MINIMUM	7.00	8.00	20.00	23.00	14.00	17.00
RANGE(MAX-MIN)	15.000	7.000	31.000	30.000	11.000	20.000
MEAN	11.583	10.833	33.750	37.083	18.083	24.167
STANDARD DEVIATION	4.420	2.329	8.047	8.878	3.679	4.933
N SIZE	12.000					

Part ID= L1-6 - C13 2ND RING CARBON

L1-6 YI Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	R1DEME	R2DEME	R3DEME	R4DEME	R5DEME	R6DEME
Barrera, Tony	-0.58	-1.22	0.03	-0.57	-0.57	-0.44
Castillo, George	-0.36	-0.79	-0.22	-0.35	-0.02	-0.03
DeCapite, Vanessa	-0.36	0.07	-1.71	-1.59	-1.11	-1.45
Foecking, Brian	-0.13	0.07	1.03	1.68	-0.02	0.37
Guarda, Waldyr	0.09	1.79	0.03	-0.01	1.06	-0.44
Hill, Howard P.	-0.58	0.50	0.65	0.67	1.61	0.37
King, Jennifer	2.36	0.50	0.03	0.33	-0.57	0.78
Kraemer, Vernon	-1.04	-1.22	-1.21	-0.69	-0.57	-0.44
Lonsway, Chris	-0.81	-1.22	0.16	-0.57	-0.57	-0.24
May, Marianne	-0.58	-0.36	-0.59	-0.80	-1.11	-0.64
Seiz, Ray	1.45	0.50	2.14	1.79	1.88	2.60
Viera, Ralph B.	0.55	1.36	-0.34	0.10	-0.02	-0.44
MAXIMUM	2.36	1.79	2.14	1.79	1.88	2.60
MINIMUM	0.09	0.07	0.03	-0.01	-0.02	-0.03
RANGE(MAX-MIN)	2.262	1.717	2.113	1.802	1.902	2.635
MEAN	0.000	0.000	0.000	0.000	0.000	0.000
STANDARD DEVIATION	1.000	1.000	1.000	1.000	1.000	1.000
N SIZE	12.000					

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Part ID= M1-6 - C13 2ND RING CARBON

Rated Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	R1DEME	R2DEME	R3DEME	R4DEME	R5DEME	R6DEME
Barrera, Tony	36.00	47.00	8.00	13.00	12.00	9.00
Castillo, George	47.00	57.00	8.00	12.00	14.00	9.00
DeCapite, Vanessa	42.00	34.00	8.00	10.00	14.00	10.00
Foecking, Brian	44.00	54.00	13.00	13.00	19.00	22.00
Guarda, Waldyr	44.00	47.00	13.00	21.00	18.00	13.00
Hill, Howard P.	36.00	44.00	8.00	19.00	12.00	10.00
King, Jennifer	47.00	65.00	12.00	13.00	14.00	13.00
Kraemer, Vernon	36.00	54.00	8.00	8.00	9.00	7.00
Lonsway, Chris	50.00	62.00	12.00	19.00	14.00	16.00
May, Marianne	39.00	36.00	9.00	14.00	12.00	9.00
Sanchez, Arthur	46.00	71.00	13.00	23.00	18.00	13.00
Seiz, Ray	66.00	65.00	11.00	16.00	15.00	10.00
Trevino, Bobby	41.00	52.00	8.00	14.00	12.00	13.00
Viera, Ralph B.	37.00	35.00	16.00	15.00	14.00	15.00
MAXIMUM	66.00	71.00	16.00	23.00	19.00	22.00
MINIMUM	36.00	34.00	8.00	8.00	9.00	7.00
RANGE(MAX-MIN)	30.000	37.000	8.000	15.000	10.000	15.000
MEAN	43.643	51.643	10.500	15.000	14.071	12.071
STANDARD DEVIATION	7.938	11.810	2.682	4.206	2.759	3.852
N SIZE	14.000					

Part ID= M1-6 - C13 2ND RING CARBON

M1-6 YI Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	R1DEME	R2DEME	R3DEME	R4DEME	R5DEME	R6DEME
Barrera, Tony	-0.96	-0.39	-0.93	-0.48	-0.75	-0.80
Castillo, George	0.42	0.45	-0.93	-0.71	-0.03	-0.80
DeCapite, Vanessa	-0.21	-1.49	-0.93	-1.19	-0.03	-0.54
Foecking, Brian	0.05	0.20	0.93	-0.48	1.79	2.58
Guarda, Waldyr	0.05	-0.39	0.93	1.43	1.42	0.24
Hill, Howard P.	-0.96	-0.65	-0.93	0.95	-0.75	-0.54
King, Jennifer	0.42	1.13	0.56	-0.48	-0.03	0.24
Kraemer, Vernon	-0.96	0.20	-0.93	-1.66	-1.84	-1.32
Lonsway, Chris	0.80	0.88	0.56	0.95	-0.03	1.02
May, Marianne	-0.58	-1.32	-0.56	-0.24	-0.75	-0.80
Sanchez, Arthur	0.30	1.64	0.93	1.90	1.42	0.24
Seiz, Ray	2.82	1.13	0.19	0.24	0.34	-0.54
Trevino, Bobby	-0.33	0.03	-0.93	-0.24	-0.75	0.24
Viera, Ralph B.	-0.84	-1.41	2.05	0.00	-0.03	0.76
MAXIMUM	2.82	1.64	2.05	1.90	-1.84	2.58
MINIMUM	0.05	0.03	0.19	0.00	-0.03	0.24
RANGE(MAX-MIN)	2.771	1.609	1.864	1.902	-1.813	2.336
MEAN	0.000	0.000	0.000	0.000	0.000	0.000
STANDARD DEVIATION	1.000	1.000	1.000	1.000	1.000	1.000
N SIZE	14.000					

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Part ID= Q1-8 - SEQ V PISTONS

Rated Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	SKIRT1	SKIRT2	SKIRT3	SKIRT4	SKIRT5	SKIRT6	SKIRT7	SKIRT8
Avis, Steven	0.79	0.97	1.57	1.22	0.49	1.02	1.33	1.18
Barrera, Tony	1.40	1.57	1.75	1.77	1.10	1.45	1.66	1.56
Cales, Jonathon	0.68	1.00	1.45	1.24	0.66	1.29	1.40	1.10
Castillo, George	1.41	1.55	2.12	1.96	1.17	1.71	1.73	1.47
DeCapite, Vanessa	1.16	1.32	2.08	1.91	0.93	1.70	1.89	1.49
Guarda, Waldyr	0.97	1.24	1.48	1.26	0.60	0.76	0.81	1.02
Hurst, Kevin R.	0.95	1.26	1.53	1.48	0.89	1.18	1.40	1.36
King, Jennifer	1.04	1.11	1.15	1.23	0.97	1.08	1.05	1.04
Lowsky, John	0.97	1.14	1.45	1.45	0.82	1.23	1.30	1.15
Mueller, Stefan	2.56	4.20	3.40	3.70	3.25	3.75	3.40	3.55
Parvaz, Ibrar	1.04	1.55	2.16	1.66	1.00	1.74	1.85	1.59
Potocar, William P	1.13	1.36	1.70	1.80	0.90	1.50	1.65	1.45
Rodriguez, Jesus (Jesse)	1.44	1.93	2.27	1.93	1.03	1.68	1.83	1.82
Sanchez, Arthur	1.10	1.50	1.60	1.84	0.84	1.47	1.76	1.45
Stremlow, Mike	2.59	2.87	3.13	3.53	2.40	3.53	3.19	2.98
Veiga, Victor	0.64	0.93	1.02	0.98	0.48	0.82	1.01	0.91
Viera, Ralph B.	0.84	1.10	1.87	1.80	1.29	1.48	1.49	1.28
MAXIMUM	2.59	4.20	3.40	3.70	3.25	3.75	3.40	3.55
MINIMUM	0.64	0.93	1.02	0.98	0.48	0.76	0.81	0.91
RANGE(MAX-MIN)	1.950	3.270	2.380	2.720	2.770	2.990	2.590	2.640
MEAN	1.218	1.565	1.866	1.809	1.107	1.611	1.691	1.553
STANDARD DEVIATION	0.561	0.820	0.630	0.743	0.700	0.821	0.680	0.694
N SIZE	17.000							

Part ID= Q1-8 - SEQ V PISTONS

Q1-8 Y1 Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	SKIRT1	SKIRT2	SKIRT3	SKIRT4	SKIRT5	SKIRT6	SKIRT7	SKIRT8
Avis, Steven	-0.76	-0.73	-0.47	-0.79	-0.88	-0.72	-0.53	-0.54
Barrera, Tony	0.32	0.01	-0.18	-0.05	-0.01	-0.20	-0.05	0.01
Cales, Jonathon	-0.96	-0.69	-0.66	-0.77	-0.64	-0.39	-0.43	-0.65
Castillo, George	0.34	-0.02	0.40	0.20	0.09	0.12	0.06	-0.12
DeCapite, Vanessa	-0.10	-0.30	0.34	0.14	-0.25	0.11	0.29	-0.09
Guarda, Waldyr	-0.44	-0.40	-0.61	-0.74	-0.72	-1.04	-1.30	-0.77
Hurst, Kevin R.	-0.48	-0.37	-0.53	-0.44	-0.31	-0.53	-0.43	-0.28
King, Jennifer	-0.32	-0.55	-1.14	-0.78	-0.20	-0.65	-0.94	-0.74
Lowsky, John	-0.44	-0.52	-0.66	-0.48	-0.41	-0.46	-0.58	-0.58
Mueller, Stefan	2.39	3.21	2.43	2.54	3.06	2.60	2.51	2.88
Parvaz, Ibrar	-0.32	-0.02	0.47	-0.20	-0.15	0.16	0.23	0.05
Potocar, William P	-0.16	-0.25	-0.26	-0.01	-0.30	-0.14	-0.06	-0.15
Rodriguez, Jesus (Jesse)	0.40	0.45	0.64	0.16	-0.11	0.08	0.20	0.38
Sanchez, Arthur	-0.21	-0.08	-0.42	0.04	-0.38	-0.17	0.10	-0.15
Stremlow, Mike	2.45	1.59	2.01	2.31	1.85	2.34	2.20	2.06
Veiga, Victor	-1.03	-0.77	-1.34	-1.12	-0.90	-0.96	-1.00	-0.93
Viera, Ralph B.	-0.67	-0.57	0.01	-0.01	0.26	-0.16	-0.30	-0.39
MAXIMUM	2.45	3.21	2.43	2.54	3.06	2.60	2.51	2.88
MINIMUM	-0.10	0.01	0.01	-0.01	-0.01	0.08	-0.05	0.01
RANGE(MAX-MIN)	2.549	3.206	2.429	2.556	3.071	2.521	2.558	2.867
MEAN	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
STANDARD DEVIATION	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
N SIZE	17.000							

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Part ID= Q1-8 - SEQ V PISTONS

Rated Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	SKIRT1	SKIRT2	SKIRT3	SKIRT4	SKIRT5	SKIRT6	SKIRT7	SKIRT8
Avis, Steven	0.79	0.97	1.57	1.22	0.49	1.02	1.33	1.18
Barrera, Tony	1.40	1.57	1.75	1.77	1.10	1.45	1.66	1.56
Cales, Jonathon	0.68	1.00	1.45	1.24	0.66	1.29	1.40	1.10
Castillo, George	1.41	1.55	2.12	1.96	1.17	1.71	1.73	1.47
DeCapite, Vanessa	1.16	1.32	2.08	1.91	0.93	1.70	1.89	1.49
Guarda, Waldyr	0.97	1.24	1.48	1.26	0.60	0.76	0.81	1.02
Hurst, Kevin R.	0.95	1.26	1.53	1.48	0.89	1.18	1.40	1.36
King, Jennifer	1.04	1.11	1.15	1.23	0.97	1.08	1.05	1.04
Lowsky, John	0.97	1.14	1.45	1.45	0.82	1.23	1.30	1.15
Parvaz, Ibrar	1.04	1.55	2.16	1.66	1.00	1.74	1.85	1.59
Potocar, William P	1.13	1.36	1.70	1.80	0.90	1.50	1.65	1.45
Rodriguez, Jesus (Jesse)	1.44	1.93	2.27	1.93	1.03	1.68	1.83	1.82
Sanchez, Arthur	1.10	1.50	1.60	1.84	0.84	1.47	1.76	1.45
Stremlow, Mike	2.59	2.87	3.13	3.53	2.40	3.53	3.19	2.98
Veiga, Victor	0.64	0.93	1.02	0.98	0.48	0.82	1.01	0.91
Viera, Ralph B.	0.84	1.10	1.87	1.80	1.29	1.48	1.49	1.28
MAXIMUM	2.59	2.87	3.13	3.53	2.40	3.53	3.19	2.98
MINIMUM	0.64	0.93	1.02	0.98	0.48	0.76	0.81	0.91
RANGE(MAX-MIN)	1.950	1.940	2.110	2.550	1.920	2.770	2.380	2.070
MEAN	1.134	1.400	1.771	1.691	0.973	1.478	1.584	1.428
STANDARD DEVIATION	0.456	0.475	0.506	0.580	0.445	0.629	0.536	0.481
N SIZE	16.000							

Part ID= Q1-8 - SEQ V PISTONS

Q1-8 Yi Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	SKIRT1	SKIRT2	SKIRT3	SKIRT4	SKIRT5	SKIRT6	SKIRT7	SKIRT8
Avis, Steven	-0.75	-0.91	-0.40	-0.81	-1.09	-0.73	-0.48	-0.52
Barrera, Tony	0.58	0.36	-0.04	0.14	0.29	-0.04	0.14	0.27
Cales, Jonathon	-1.00	-0.84	-0.63	-0.78	-0.70	-0.30	-0.34	-0.68
Castillo, George	0.60	0.32	0.69	0.46	0.44	0.37	0.27	0.09
DeCapite, Vanessa	0.06	-0.17	0.61	0.38	-0.10	0.35	0.57	0.13
Guarda, Waldyr	-0.36	-0.34	-0.57	-0.74	-0.84	-1.14	-1.45	-0.85
Hurst, Kevin R.	-0.40	-0.29	-0.48	-0.36	-0.19	-0.47	-0.34	-0.14
King, Jennifer	-0.21	-0.61	-1.23	-0.80	-0.01	-0.63	-1.00	-0.81
Lowsky, John	-0.36	-0.55	-0.63	-0.42	-0.34	-0.39	-0.53	-0.58
Parvaz, Ibrar	-0.21	0.32	0.77	-0.05	0.06	0.42	0.50	0.34
Potocar, William P	-0.01	-0.08	-0.14	0.19	-0.16	0.04	0.12	0.05
Rodriguez, Jesus (Jesse)	0.67	1.12	0.99	0.41	0.13	0.32	0.46	0.81
Sanchez, Arthur	-0.08	0.21	-0.34	0.26	-0.30	-0.01	0.33	0.05
Stremlow, Mike	3.19	3.09	2.68	3.17	3.21	3.27	3.00	3.23
Veiga, Victor	-1.08	-0.99	-1.48	-1.23	-1.11	-1.05	-1.07	-1.08
Viera, Ralph B.	-0.65	-0.63	0.20	0.19	0.71	0.00	-0.18	-0.31
MAXIMUM	3.19	3.09	2.68	3.17	3.21	3.27	3.00	3.23
MINIMUM	-0.01	-0.08	-0.04	-0.05	-0.01	0.00	0.12	0.05
RANGE(MAX-MIN)	3.200	3.178	2.725	3.225	3.217	3.261	2.876	3.181
MEAN	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
STANDARD DEVIATION	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
N SIZE	16.000							

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Part ID= R1-8 - SEQ V PISTONS

Rated Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	SKIRT1	SKIRT2	SKIRT3	SKIRT4	SKIRT5	SKIRT6	SKIRT7	SKIRT8
Aguirre, Nancy P	1.09	1.27	1.81	1.85	0.90	1.23	1.28	1.22
Castillo, George	1.45	1.88	2.72	2.43	1.04	1.43	1.52	1.39
DeCapite, Vanessa	1.66	1.96	2.46	2.47	0.81	1.39	1.59	1.48
Goulais, Ed	2.50	3.32	3.40	2.45	2.55	2.25	2.45	2.25
Guarda, Waldyr	1.24	1.21	1.47	2.06	0.58	0.95	0.98	0.72
Hill, Howard P.	0.91	0.65	0.94	1.00	0.41	0.69	0.68	0.74
King, Jennifer	1.34	1.37	1.51	1.58	0.96	1.08	1.08	1.17
Kraemer, Vernon	1.85	1.95	2.45	2.32	1.45	1.57	1.66	1.66
Lonsway, Chris	1.30	1.70	2.10	2.18	0.61	1.03	1.39	1.35
May, Marianne	1.43	1.52	1.99	2.15	1.00	1.35	1.50	1.35
Mueller, Stefan	2.50	2.90	2.75	4.00	1.60	2.50	2.25	2.25
Richards, Craig	2.45	2.62	3.55	3.68	2.05	2.19	2.63	2.22
Rodriguez, Jesus (Jesse)	1.54	1.65	2.07	2.48	1.03	1.53	1.58	1.41
Sanchez, Arthur	1.40	1.54	2.03	2.11	0.77	1.24	1.56	1.35
Seiz, Ray	2.73	2.71	2.94	3.66	1.62	2.10	2.35	2.18
Stremlow, Mike	2.80	3.45	4.00	4.00	2.80	3.45	2.40	1.68
Veiga, Victor	1.23	1.16	1.58	1.59	0.42	0.61	1.10	0.60
Zalewski, John	1.12	1.26	1.90	2.01	0.68	1.20	1.23	1.14
MAXIMUM	2.80	3.45	4.00	4.00	2.80	3.45	2.63	2.25
MINIMUM	0.91	0.65	0.94	1.00	0.41	0.61	0.68	0.60
RANGE(MAX-MIN)	1.890	2.800	3.060	3.000	2.390	2.840	1.950	1.650
MEAN	1.697	1.896	2.315	2.446	1.182	1.544	1.624	1.453
STANDARD DEVIATION	0.616	0.791	0.798	0.853	0.699	0.711	0.566	0.516
N SIZE	18.000							

Part ID= R1-8 - SEQ V PISTONS

R1-8 YI Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	SKIRT1	SKIRT2	SKIRT3	SKIRT4	SKIRT5	SKIRT6	SKIRT7	SKIRT8
Aguirre, Nancy P	-0.99	-0.79	-0.63	-0.70	-0.40	-0.44	-0.61	-0.45
Castillo, George	-0.40	-0.02	0.51	-0.02	-0.20	-0.16	-0.18	-0.12
DeCapite, Vanessa	-0.06	0.08	0.18	0.03	-0.53	-0.22	-0.06	0.05
Goulais, Ed	1.30	1.80	1.36	0.01	1.96	0.99	1.46	1.54
Guarda, Waldyr	-0.74	-0.87	-1.06	-0.45	-0.86	-0.84	-1.14	-1.42
Hill, Howard P.	-1.28	-1.57	-1.72	-1.69	-1.10	-1.20	-1.67	-1.38
King, Jennifer	-0.58	-0.66	-1.01	-1.01	-0.32	-0.65	-0.96	-0.55
Kraemer, Vernon	0.25	0.07	0.17	-0.15	0.38	0.04	0.06	0.40
Lonsway, Chris	-0.64	-0.25	-0.27	-0.31	-0.82	-0.72	-0.41	-0.20
May, Marianne	-0.43	-0.47	-0.41	-0.35	-0.26	-0.27	-0.22	-0.20
Mueller, Stefan	1.30	1.27	0.54	1.82	0.60	1.35	1.11	1.54
Richards, Craig	1.22	0.92	1.55	1.45	1.24	0.91	1.78	1.49
Rodriguez, Jesus (Jesse)	-0.25	-0.31	-0.31	0.04	-0.22	-0.02	-0.08	-0.08
Sanchez, Arthur	-0.48	-0.45	-0.36	-0.39	-0.59	-0.43	-0.11	-0.20
Seiz, Ray	1.68	1.03	0.78	1.42	0.63	0.78	1.28	1.41
Stremlow, Mike	1.79	1.96	2.11	1.82	2.31	2.68	1.37	0.44
Veiga, Victor	-0.76	-0.93	-0.92	-1.00	-1.09	-1.31	-0.92	-1.65
Zalewski, John	-0.94	-0.80	-0.52	-0.51	-0.72	-0.48	-0.70	-0.61
MAXIMUM	1.79	1.96	2.11	1.82	2.31	2.68	1.78	-1.65
MINIMUM	-0.06	-0.02	0.17	0.01	-0.20	-0.02	-0.06	0.05
RANGE(MAX-MIN)	1.852	1.984	1.941	1.816	2.517	2.701	1.836	-1.706
MEAN	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
STANDARD DEVIATION	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
N SIZE	18.000							

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Part ID= S1-8 - SEQ V PISTONS

Rated Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	SKIRT1	SKIRT2	SKIRT3	SKIRT4	SKIRT5	SKIRT6	SKIRT7	SKIRT8
Aguirre, Nancy P	1.21	1.68	1.33	1.83	1.39	1.78	1.87	1.65
Barrera, Tony	1.36	1.93	1.59	1.98	1.70	2.05	2.16	1.72
Goulais, Ed	1.98	3.00	3.00	2.75	2.40	2.50	3.65	2.50
Hill, Howard P.	0.71	0.87	0.69	1.02	0.75	0.63	0.89	0.89
Hurst, Kevin R.	1.11	1.81	1.23	1.68	1.38	1.49	1.88	1.41
King, Jennifer	1.20	1.54	1.31	1.68	1.43	1.52	1.72	1.47
Kraemer, Vernon	1.50	1.91	1.70	1.90	2.01	1.97	2.11	2.14
Lowsky, John	1.01	1.72	1.16	1.39	1.30	1.74	1.76	1.39
May, Marianne	1.28	1.95	1.38	1.57	1.53	1.87	2.11	1.80
Parvaz, Ibrar	1.36	1.50	1.58	1.68	1.79	1.68	2.06	1.64
Richards, Craig	2.43	2.14	3.77	2.98	2.23	3.36	2.80	2.22
Seiz, Ray	2.71	3.55	3.20	3.94	4.07	3.61	4.07	3.95
Viera, Ralph B.	1.34	3.04	2.00	2.21	1.62	1.78	2.36	1.93
Zalewski, John	1.12	1.67	1.46	1.56	1.68	1.80	1.79	1.70
MAXIMUM	2.71	3.55	3.77	3.94	4.07	3.61	4.07	3.95
MINIMUM	0.71	0.87	0.69	1.02	0.75	0.63	0.89	0.89
RANGE(MAX-MIN)	2.000	2.680	3.080	2.920	3.320	2.980	3.180	3.060
MEAN	1.451	2.022	1.814	2.012	1.806	1.984	2.231	1.886
STANDARD DEVIATION	0.553	0.711	0.883	0.754	0.770	0.754	0.810	0.715
N SIZE	14.000							

Part ID= S1-8 - SEQ V PISTONS

S1-8 YI Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	SKIRT1	SKIRT2	SKIRT3	SKIRT4	SKIRT5	SKIRT6	SKIRT7	SKIRT8
Aguirre, Nancy P	-0.44	-0.48	-0.55	-0.24	-0.54	-0.27	-0.45	-0.33
Barrera, Tony	-0.17	-0.13	-0.25	-0.04	-0.14	0.09	-0.09	-0.23
Goulais, Ed	0.96	1.37	1.34	0.98	0.77	0.68	1.75	0.86
Hill, Howard P.	-1.34	-1.62	-1.27	-1.32	-1.37	-1.80	-1.66	-1.39
Hurst, Kevin R.	-0.62	-0.30	-0.66	-0.44	-0.55	-0.66	-0.43	-0.67
King, Jennifer	-0.45	-0.68	-0.57	-0.44	-0.49	-0.62	-0.63	-0.58
Kraemer, Vernon	0.09	-0.16	-0.13	-0.15	0.27	-0.02	-0.15	0.35
Lowsky, John	-0.80	-0.42	-0.74	-0.83	-0.66	-0.32	-0.58	-0.69
May, Marianne	-0.31	-0.10	-0.49	-0.59	-0.36	-0.15	-0.15	-0.12
Parvaz, Ibrar	-0.17	-0.73	-0.27	-0.44	-0.02	-0.40	-0.21	-0.34
Richards, Craig	1.77	0.17	2.21	1.28	0.55	1.83	0.70	0.47
Seiz, Ray	2.28	2.15	1.57	2.56	2.94	2.16	2.27	2.89
Viera, Ralph B.	-0.20	1.43	0.21	0.26	-0.24	-0.27	0.16	0.06
Zalewski, John	-0.60	-0.50	-0.40	-0.60	-0.16	-0.24	-0.54	-0.26
MAXIMUM	2.28	2.15	2.21	2.56	2.94	2.16	2.27	2.89
MINIMUM	0.09	-0.10	-0.13	-0.04	-0.02	-0.02	-0.09	0.06
RANGE(MAX-MIN)	2.188	2.250	2.344	2.600	2.962	2.176	2.358	2.827
MEAN	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
STANDARD DEVIATION	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
N SIZE	14.000							

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Part ID= S1-8 - SEQ V PISTONS

Rated Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	SKIRT1	SKIRT2	SKIRT3	SKIRT4	SKIRT5	SKIRT6	SKIRT7	SKIRT8
Aguirre, Nancy P	1.21	1.68	1.33	1.83	1.39	1.78	1.87	1.65
Barrera, Tony	1.36	1.93	1.59	1.98	1.70	2.05	2.16	1.72
Goulais, Ed	1.98	3.00	3.00	2.75	2.40	2.50	3.65	2.50
Hill, Howard P.	0.71	0.87	0.69	1.02	0.75	0.63	0.89	0.89
Hurst, Kevin R.	1.11	1.81	1.23	1.68	1.38	1.49	1.88	1.41
King, Jennifer	1.20	1.54	1.31	1.68	1.43	1.52	1.72	1.47
Kraemer, Vernon	1.50	1.91	1.70	1.90	2.01	1.97	2.11	2.14
Lowsky, John	1.01	1.72	1.16	1.39	1.30	1.74	1.76	1.39
May, Marianne	1.28	1.95	1.38	1.57	1.53	1.87	2.11	1.80
Parvaz, Ibrar	1.36	1.50	1.58	1.68	1.79	1.68	2.06	1.64
Richards, Craig	2.43	2.14	3.77	2.98	2.23	3.36	2.80	2.22
Viera, Ralph B.	1.34	3.04	2.00	2.21	1.62	1.78	2.36	1.93
Zalewski, John	1.12	1.67	1.46	1.56	1.68	1.80	1.79	1.70
MAXIMUM	2.43	3.04	3.77	2.98	2.40	3.36	3.65	2.50
MINIMUM	0.71	0.87	0.69	1.02	0.75	0.63	0.89	0.89
RANGE(MAX-MIN)	1.720	2.170	3.080	1.960	1.650	2.730	2.760	1.610
MEAN	1.355	1.905	1.708	1.864	1.632	1.859	2.089	1.728
STANDARD DEVIATION	0.435	0.582	0.820	0.531	0.427	0.615	0.638	0.414
N SIZE	13.000							

Part ID= S1-8 - SEQ V PISTONS

S1-8 YI Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	SKIRT1	SKIRT2	SKIRT3	SKIRT4	SKIRT5	SKIRT6	SKIRT7	SKIRT8
Aguirre, Nancy P	-0.33	-0.39	-0.46	-0.06	-0.57	-0.13	-0.34	-0.19
Barrera, Tony	0.01	0.04	-0.14	0.22	0.16	0.31	0.11	-0.02
Goulais, Ed	1.44	1.88	1.58	1.67	1.80	1.04	2.45	1.87
Hill, Howard P.	-1.48	-1.78	-1.24	-1.59	-2.07	-2.00	-1.88	-2.03
Hurst, Kevin R.	-0.56	-0.16	-0.58	-0.35	-0.59	-0.60	-0.33	-0.77
King, Jennifer	-0.36	-0.63	-0.48	-0.35	-0.47	-0.55	-0.58	-0.62
Kraemer, Vernon	0.33	0.01	-0.01	0.07	0.89	0.18	0.03	1.00
Lowsky, John	-0.79	-0.32	-0.67	-0.89	-0.78	-0.19	-0.52	-0.82
May, Marianne	-0.17	0.08	-0.40	-0.55	-0.24	0.02	0.03	0.17
Parvaz, Ibrar	0.01	-0.70	-0.16	-0.35	0.37	-0.29	-0.05	-0.21
Richards, Craig	2.47	0.40	2.51	2.10	1.40	2.44	1.11	1.19
Viera, Ralph B.	-0.03	1.95	0.36	0.65	-0.03	-0.13	0.42	0.49
Zalewski, John	-0.54	-0.40	-0.30	-0.57	0.11	-0.10	-0.47	-0.07
MAXIMUM	2.47	1.95	2.51	2.10	-2.07	2.44	2.45	-2.03
MINIMUM	0.01	0.01	-0.01	-0.06	-0.03	0.02	0.03	-0.02
RANGE(MAX-MIN)	2.461	1.942	2.524	2.166	-2.040	2.423	2.414	-2.007
MEAN	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
STANDARD DEVIATION	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
N SIZE	13.000							

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Part ID= T1 - FIELD PISTON

Rated Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	FRTOT	RRTOT
Avis, Steven	32.50	36.25	17.00	18.38	19.05	3.38	3.18
Barrera, Tony	32.50	30.82	16.63	18.89	17.31	3.50	2.98
Castillo, George	33.25	28.75	18.18	17.98	15.42	3.74	3.50
DeCapite, Vanessa	33.25	33.01	20.59	19.12	17.26	3.79	3.71
Foecking, Brian	32.50	25.00	21.10	18.80	20.59	3.40	3.52
Guarda, Waldyr	31.00	25.00	18.06	19.89	15.13	3.81	3.47
Hurst, Kevin R.	33.25	28.00	17.16	17.54	19.00	4.01	4.13
Lopez, Frank	31.00	26.50	19.84	17.44	20.91	2.41	2.17
Lowsky, John	36.25	28.75	16.14	16.54	15.78	3.85	3.03
Mueller, Stefan	34.00	32.50	16.69	14.79	16.80	4.75	3.35
Parvaz, Ibrar	34.75	27.25	20.22	22.20	20.23	4.65	4.53
Potocar, William P	34.00	34.75	17.20	15.66	17.55	4.49	4.38
Rodriguez, Jesus (Jesse)	25.00	34.75	19.60	17.36	18.93	4.41	3.60
Stremlow, Mike	37.75	36.25	16.95	18.92	18.07	3.75	3.30
Veiga, Victor	34.00	30.25	23.77	20.02	20.50	3.70	3.15
Viera, Ralph B.	31.00	30.25	16.53	17.95	20.19	3.27	3.31
MAXIMUM	37.75	36.25	23.77	22.20	20.91	4.75	4.53
MINIMUM	25.00	25.00	16.14	14.79	15.13	2.41	2.17
RANGE(MAX-MIN)	12.750	11.250	7.630	7.410	5.780	2.340	2.360
MEAN	32.875	30.505	18.479	18.218	18.295	3.807	3.457
STANDARD DEVIATION	2.779	3.761	2.153	1.771	1.919	0.587	0.568
N SIZE	16.000						

Part ID= T1 - FIELD PISTON

T1 Y1 Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	FRTOT	RRTOT
Avis, Steven	-0.13	1.53	-0.69	0.09	0.39	-0.73	-0.49
Barrera, Tony	-0.13	0.08	-0.86	0.38	-0.51	-0.52	-0.84
Castillo, George	0.13	-0.47	-0.14	-0.13	-1.50	-0.11	0.08
DeCapite, Vanessa	0.13	0.67	0.98	0.51	-0.54	-0.03	0.45
Foecking, Brian	-0.13	-1.46	1.22	0.33	1.20	-0.69	0.11
Guarda, Waldyr	-0.67	-1.46	-0.19	0.94	-1.65	0.01	0.02
Hurst, Kevin R.	0.13	-0.67	-0.61	-0.38	0.37	0.35	1.18
Lopez, Frank	-0.67	-1.06	0.63	-0.44	1.36	-2.38	-2.27
Lowsky, John	1.21	-0.47	-1.09	-0.95	-1.31	0.07	-0.75
Mueller, Stefan	0.40	0.53	-0.83	-1.94	-0.78	1.61	-0.19
Parvaz, Ibrar	0.67	-0.87	0.81	2.25	1.01	1.44	1.89
Potocar, William P	0.40	1.13	-0.59	-1.44	-0.39	1.16	1.62
Rodriguez, Jesus (Jesse)	-2.83	1.13	0.52	-0.48	0.33	1.03	0.25
Stremlow, Mike	1.75	1.53	-0.71	0.40	-0.12	-0.10	-0.28
Veiga, Victor	0.40	-0.07	2.46	1.02	1.15	-0.18	-0.54
Viera, Ralph B.	-0.67	-0.07	-0.91	-0.15	0.99	-0.91	-0.26
MAXIMUM	-2.83	1.53	2.46	2.25	-1.65	-2.38	-2.27
MINIMUM	-0.13	-0.07	-0.14	0.09	-0.12	0.01	0.02
RANGE(MAX-MIN)	-2.699	1.595	2.597	2.157	-1.532	-2.384	-2.288
MEAN	0.000	0.000	0.000	0.000	0.000	0.000	0.000
STANDARD DEVIATION	1.000	1.000	1.000	1.000	1.000	1.000	1.000
N SIZE	16.000						

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Part ID= U1 - FIELD PISTON

Rated Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	FRTOT	RRTOT
Avis, Steven	39.25	24.54	11.48	24.86	24.51	3.43	5.03
Castillo, George	34.75	24.27	11.88	22.63	23.45	4.37	5.16
DeCapite, Vanessa	34.75	23.59	10.01	23.99	22.73	4.12	5.12
Foecking, Brian	30.25	24.53	11.64	22.56	22.96	4.34	5.91
Goulais, Ed	21.00	12.80	8.65	14.76	8.51	6.18	4.30
Guarda, Waldyr	31.00	28.43	9.03	37.24	21.60	3.80	4.10
Hill, Howard P.	41.50	32.29	10.84	31.18	19.25	5.35	4.50
Lopez, Frank	42.25	33.02	10.64	22.06	23.29	4.65	2.84
Mueller, Stefan	40.00	64.27	8.79	87.52	95.20	6.45	4.85
Potocar, William P	43.75	23.80	10.94	22.36	23.68	4.46	5.45
Richards, Craig	25.00	25.00	9.47	23.02	24.00	5.85	6.10
Rodriguez, Jesus (Jesse)	32.50	23.06	16.05	23.08	23.26	4.24	5.84
Seiz, Ray	36.01	27.05	11.25	29.14	33.88	3.24	5.43
Stremlow, Mike	42.25	24.87	9.56	27.82	24.46	5.20	4.25
Veiga, Victor	34.75	24.01	12.88	20.87	22.96	3.90	5.60
Zalewski, John	49.00	40.06	12.90	20.38	21.99	3.85	5.35
MAXIMUM	49.00	64.27	16.05	87.52	95.20	6.45	6.10
MINIMUM	21.00	12.80	8.65	14.76	8.51	3.24	2.84
RANGE(MAX-MIN)	28.000	51.470	7.400	72.760	86.690	3.210	3.260
MEAN	36.126	28.474	11.001	28.342	27.233	4.589	4.989
STANDARD DEVIATION	7.233	11.157	1.897	16.578	18.758	0.960	0.835
N SIZE	16.000						

Part ID= U1 - FIELD PISTON

U1 Y1 Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	FRTOT	RRTOT
Avis, Steven	0.43	-0.35	0.25	-0.21	-0.15	-1.21	0.05
Castillo, George	-0.19	-0.38	0.46	-0.34	-0.20	-0.23	0.20
DeCapite, Vanessa	-0.19	-0.44	-0.52	-0.26	-0.24	-0.49	0.16
Foecking, Brian	-0.81	-0.35	0.34	-0.35	-0.23	-0.26	1.10
Goulais, Ed	-2.09	-1.40	-1.24	-0.82	-1.00	1.66	-0.83
Guarda, Waldyr	-0.71	0.00	-1.04	0.54	-0.30	-0.82	-1.07
Hill, Howard P.	0.74	0.34	-0.08	0.17	-0.43	0.79	-0.59
Lopez, Frank	0.85	0.41	-0.19	-0.38	-0.21	0.06	-2.57
Mueller, Stefan	0.54	3.21	-1.17	3.57	3.62	1.94	-0.17
Potocar, William P	1.05	-0.42	-0.03	-0.36	-0.19	-0.13	0.55
Richards, Craig	-1.54	-0.31	-0.81	-0.32	-0.17	1.31	1.33
Rodriguez, Jesus (Jesse)	-0.50	-0.49	2.66	-0.32	-0.21	-0.36	1.02
Seiz, Ray	-0.02	-0.13	0.13	0.05	0.35	-1.41	0.53
Stremlow, Mike	0.85	-0.32	-0.76	-0.03	-0.15	0.64	-0.89
Veiga, Victor	-0.19	-0.40	0.99	-0.45	-0.23	-0.72	0.73
Zalewski, John	1.78	1.04	1.00	-0.48	-0.28	-0.77	0.43
MAXIMUM	-2.09	3.21	2.66	3.57	3.62	1.94	-2.57
MINIMUM	-0.02	0.00	-0.03	-0.03	-0.15	0.06	0.05
RANGE(MAX-MIN)	-2.075	3.212	2.694	3.601	3.769	1.876	-2.623
MEAN	0.000	0.000	0.000	0.000	0.000	0.000	0.000
STANDARD DEVIATION	1.000	1.000	1.000	1.000	1.000	1.000	1.000
N SIZE	16.000						

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Part ID= U1 - FIELD PISTON

Rated Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	FRTOT	RRTOT
Avis, Steven	39.25	24.54	11.48	24.86	24.51	3.43	5.03
Castillo, George	34.75	24.27	11.88	22.63	23.45	4.37	5.16
DeCapite, Vanessa	34.75	23.59	10.01	23.99	22.73	4.12	5.12
Foecking, Brian	30.25	24.53	11.64	22.56	22.96	4.34	5.91
Goulais, Ed	21.00	12.80	8.65	14.76	8.51	6.18	4.30
Guarda, Waldyr	31.00	28.43	9.03	37.24	21.60	3.80	4.10
Hill, Howard P.	41.50	32.29	10.84	31.18	19.25	5.35	4.50
Lopez, Frank	42.25	33.02	10.64	22.06	23.29	4.65	2.84
Potocar, William P	43.75	23.80	10.94	22.36	23.68	4.46	5.45
Richards, Craig	25.00	25.00	9.47	23.02	24.00	5.85	6.10
Rodriguez, Jesus (Jesse)	32.50	23.06	16.05	23.08	23.26	4.24	5.84
Seiz, Ray	36.01	27.05	11.25	29.14	33.88	3.24	5.43
Stremlow, Mike	42.25	24.87	9.56	27.82	24.46	5.20	4.25
Veiga, Victor	34.75	24.01	12.88	20.87	22.96	3.90	5.60
Zalewski, John	49.00	40.06	12.90	20.38	21.99	3.85	5.35
MAXIMUM	49.00	40.06	16.05	37.24	33.88	6.18	6.10
MINIMUM	21.00	12.80	8.65	14.76	8.51	3.24	2.84
RANGE(MAX-MIN)	28.000	27.260	7.400	22.480	25.370	2.940	3.260
MEAN	35.867	26.088	11.148	24.397	22.702	4.465	4.999
STANDARD DEVIATION	7.410	5.979	1.866	5.256	5.002	0.850	0.863
N SIZE	15.000						

Part ID= U1 - FIELD PISTON

U1 YI Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	FRTOT	RRTOT
Avis, Steven	0.46	-0.26	0.18	0.09	0.36	-1.22	0.04
Castillo, George	-0.15	-0.30	0.39	-0.34	0.15	-0.11	0.19
DeCapite, Vanessa	-0.15	-0.42	-0.61	-0.08	0.01	-0.41	0.14
Foecking, Brian	-0.76	-0.26	0.26	-0.35	0.05	-0.15	1.06
Goulais, Ed	-2.01	-2.22	-1.34	-1.83	-2.84	2.02	-0.81
Guarda, Waldyr	-0.66	0.39	-1.14	2.44	-0.22	-0.78	-1.04
Hill, Howard P.	0.76	1.04	-0.17	1.29	-0.69	1.04	-0.58
Lopez, Frank	0.86	1.16	-0.27	-0.44	0.12	0.22	-2.50
Potocar, William P	1.06	-0.38	-0.11	-0.39	0.20	-0.01	0.52
Richards, Craig	-1.47	-0.18	-0.90	-0.26	0.26	1.63	1.28
Rodriguez, Jesus (Jesse)	-0.45	-0.51	2.63	-0.25	0.11	-0.27	0.97
Seiz, Ray	0.02	0.16	0.05	0.90	2.23	-1.44	0.50
Stremlow, Mike	0.86	-0.20	-0.85	0.65	0.35	0.86	-0.87
Veiga, Victor	-0.15	-0.35	0.93	-0.67	0.05	-0.66	0.70
Zalewski, John	1.77	2.34	0.94	-0.76	-0.14	-0.72	0.41
MAXIMUM	-2.01	2.34	2.63	2.44	-2.84	2.02	-2.50
MINIMUM	0.02	0.16	0.05	-0.08	0.01	-0.01	0.04
RANGE(MAX-MIN)	-2.026	2.176	2.572	2.521	-2.843	2.023	-2.537
MEAN	0.000	0.000	0.000	0.000	0.000	0.000	0.000
STANDARD DEVIATION	1.000	1.000	1.000	1.000	1.000	1.000	1.000
N SIZE	15.000						

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Part ID= V1 - FIELD PISTON

Rated Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	FRTOT	RRTOT
Goulais, Ed	22.55	25.00	7.30	17.15	10.65	4.15	3.40
Guarda, Waldyr	31.00	25.00	13.02	31.09	25.55	2.79	2.86
Hill, Howard P.	32.76	26.50	17.45	28.42	19.96	3.80	3.25
Hurst, Kevin R.	32.50	25.00	15.24	21.04	22.68	3.81	3.51
Lowsky, John	31.00	25.75	15.30	20.60	21.17	2.83	2.75
Parvaz, Ibrar	34.51	25.00	12.76	27.02	23.42	3.20	3.46
Richards, Craig	31.00	13.85	22.86	22.86	23.55	3.85	4.15
Seiz, Ray	35.77	26.50	9.24	25.35	28.77	2.98	3.24
Viera, Ralph B.	28.75	25.75	19.47	22.85	22.97	3.58	3.58
Zalewski, John	35.25	25.75	17.33	20.64	20.74	3.25	3.60
MAXIMUM	35.77	26.50	22.86	31.09	28.77	4.15	4.15
MINIMUM	22.55	13.85	7.30	17.15	10.65	2.79	2.75
RANGE(MAX-MIN)	13.220	12.650	15.560	13.940	18.120	1.360	1.400
MEAN	31.509	24.410	14.997	23.702	21.946	3.424	3.380
STANDARD DEVIATION	3.835	3.757	4.652	4.230	4.708	0.478	0.396
N SIZE	10.000						

Part ID= V1 - FIELD PISTON

V1 Y1 Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	FRTOT	RRTOT
Goulais, Ed	-2.34	0.16	-1.65	-1.55	-2.40	1.52	0.05
Guarda, Waldyr	-0.13	0.16	-0.43	1.75	0.77	-1.33	-1.31
Hill, Howard P.	0.33	0.56	0.53	1.12	-0.42	0.79	-0.33
Hurst, Kevin R.	0.26	0.16	0.05	-0.63	0.16	0.81	0.33
Lowsky, John	-0.13	0.36	0.07	-0.73	-0.16	-1.24	-1.59
Parvaz, Ibrar	0.78	0.16	-0.48	0.78	0.31	-0.47	0.20
Richards, Craig	-0.13	-2.81	1.69	-0.20	0.34	0.89	1.95
Seiz, Ray	1.11	0.56	-1.24	0.39	1.45	-0.93	-0.35
Viera, Ralph B.	-0.72	0.36	0.96	-0.20	0.22	0.33	0.51
Zalewski, John	0.98	0.36	0.50	-0.72	-0.26	-0.36	0.56
MAXIMUM	-2.34	-2.81	1.69	1.75	-2.40	1.52	1.95
MINIMUM	-0.13	0.16	0.05	-0.20	0.16	0.33	0.05
RANGE(MAX-MIN)	-2.204	-2.968	1.638	1.946	-2.555	1.193	1.896
MEAN	0.000	0.000	0.000	0.000	0.000	0.000	0.000
STANDARD DEVIATION	1.000	1.000	1.000	1.000	1.000	1.000	1.000
N SIZE	10.000						

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Part ID= V1 - FIELD PISTON

Rated Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	FRTOT	RRTOT
Goulais, Ed	22.55	25.00	7.30	17.15	10.65	4.15	3.40
Guarda, Waldyr	31.00	25.00	13.02	31.09	25.55	2.79	2.86
Hill, Howard P.	32.76	26.50	17.45	28.42	19.96	3.80	3.25
Hurst, Kevin R.	32.50	25.00	15.24	21.04	22.68	3.81	3.51
Lowsky, John	31.00	25.75	15.30	20.60	21.17	2.83	2.75
Parvaz, Ibrar	34.51	25.00	12.76	27.02	23.42	3.20	3.46
Seiz, Ray	35.77	26.50	9.24	25.35	28.77	2.98	3.24
Viera, Ralph B.	28.75	25.75	19.47	22.85	22.97	3.58	3.58
Zalewski, John	35.25	25.75	17.33	20.64	20.74	3.25	3.60
MAXIMUM	35.77	26.50	19.47	31.09	28.77	4.15	3.60
MINIMUM	22.55	25.00	7.30	17.15	10.65	2.79	2.75
RANGE(MAX-MIN)	13.220	1.500	12.170	13.940	18.120	1.360	0.850
MEAN	31.566	25.583	14.123	23.796	21.768	3.377	3.294
STANDARD DEVIATION	4.063	0.625	3.969	4.475	4.958	0.481	0.306
N SIZE	9.000						

Part ID= V1 - FIELD PISTON

V1 Yi Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	FRTOT	RRTOT
Goulais, Ed	-2.22	-0.93	-1.72	-1.48	-2.24	1.61	0.34
Guarda, Waldyr	-0.14	-0.93	-0.28	1.63	0.76	-1.22	-1.42
Hill, Howard P.	0.29	1.47	0.84	1.03	-0.36	0.88	-0.15
Hurst, Kevin R.	0.23	-0.93	0.28	-0.62	0.18	0.90	0.70
Lowsky, John	-0.14	0.27	0.30	-0.71	-0.12	-1.14	-1.78
Parvaz, Ibrar	0.72	-0.93	-0.34	0.72	0.33	-0.37	0.54
Seiz, Ray	1.03	1.47	-1.23	0.35	1.41	-0.82	-0.18
Viera, Ralph B.	-0.69	0.27	1.35	-0.21	0.24	0.42	0.93
Zalewski, John	0.91	0.27	0.81	-0.71	-0.21	-0.26	1.00
MAXIMUM	-2.22	1.47	-1.72	1.63	-2.24	1.61	-1.78
MINIMUM	-0.14	0.27	-0.28	-0.21	-0.12	-0.26	-0.15
RANGE(MAX-MIN)	-2.080	1.200	-1.441	1.841	-2.122	1.870	-1.633
MEAN	0.000	0.000	0.000	0.000	0.000	0.000	0.000
STANDARD DEVIATION	1.000	1.000	1.000	1.000	1.000	1.000	1.000
N SIZE	9.000						

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Part ID= X1 - DV4 PISTON

Rated Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT
Avis, Steven	25.75	15.55	0.25	9.50	0.13
Cales, Jonathon	28.00	10.65	0.10	12.53	0.10
Castillo, George	25.75	14.53	0.25	9.16	0.05
Cumberworth, Lee	27.25	13.43	0.15	9.47	0.22
DeCapite, Vanessa	27.25	12.82	0.04	9.23	0.02
Foecking, Brian	27.25	15.25	0.01	10.15	0.01
Guarda, Waldyr	27.25	18.53	0.78	11.48	0.49
Hurst, Kevin R.	27.25	13.79	0.62	14.30	0.65
Kobrinetz, Joaquin J.	29.50	11.78	0.25	10.64	0.13
Lonsway, Chris	26.50	11.20	0.24	8.42	0.20
Lopez, Frank	26.50	18.83	0.20	8.26	0.20
Lowsky, John	28.75	11.87	0.35	9.49	0.31
Mueller, Stefan	29.30	4.76	0.10	7.08	0.19
Parvaz, Ibrar	24.51	10.78	0.20	11.80	0.20
Potocar, William P	28.00	12.16	0.10	9.32	0.20
Rodriguez, Jesus (Jesse)	25.75	13.84	0.30	10.25	0.20
Sanchez, Arthur	28.00	16.10	0.20	9.69	0.20
Stremlow, Mike	32.50	11.70	0.64	13.26	0.56
Veiga, Victor	26.50	14.01	0.20	13.23	0.20
Viera, Ralph B.	25.75	13.11	0.84	11.36	0.20
MAXIMUM	32.50	18.83	0.84	14.30	0.65
MINIMUM	24.51	4.76	0.01	7.08	0.01
RANGE(MAX-MIN)	7.990	14.070	0.830	7.220	0.640
MEAN	27.366	13.235	0.291	10.431	0.223
STANDARD DEVIATION	1.758	3.046	0.239	1.874	0.167
N SIZE	20.000				

Part ID= X1 - DV4 PISTON

X1 Y1 Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT
Avis, Steven	-0.92	0.76	-0.17	-0.50	-0.56
Cales, Jonathon	0.36	-0.85	-0.80	1.12	-0.74
Castillo, George	-0.92	0.43	-0.17	-0.68	-1.04
Cumberworth, Lee	-0.07	0.06	-0.59	-0.51	-0.02
DeCapite, Vanessa	-0.07	-0.14	-1.05	-0.64	-1.22
Foecking, Brian	-0.07	0.66	-1.18	-0.15	-1.28
Guarda, Waldyr	-0.07	1.74	2.05	0.56	1.60
Hurst, Kevin R.	-0.07	0.18	1.38	2.06	2.56
Kobrinetz, Joaquin J.	1.21	-0.48	-0.17	0.11	-0.56
Lonsway, Chris	-0.49	-0.67	-0.21	-1.07	-0.14
Lopez, Frank	-0.49	1.84	-0.38	-1.16	-0.14
Lowsky, John	0.79	-0.45	0.25	-0.50	0.52
Mueller, Stefan	1.10	-2.78	-0.80	-1.79	-0.20
Parvaz, Ibrar	-1.62	-0.81	-0.38	0.73	-0.14
Potocar, William P	0.36	-0.35	-0.80	-0.59	-0.14
Rodriguez, Jesus (Jesse)	-0.92	0.20	0.04	-0.10	-0.14
Sanchez, Arthur	0.36	0.94	-0.38	-0.40	-0.14
Stremlow, Mike	2.92	-0.50	1.46	1.51	2.02
Veiga, Victor	-0.49	0.25	-0.38	1.49	-0.14
Viera, Ralph B.	-0.92	-0.04	2.30	0.50	-0.14
MAXIMUM	2.92	-2.78	2.30	2.06	2.56
MINIMUM	-0.07	-0.04	0.04	-0.10	-0.02
RANGE(MAX-MIN)	2.987	-2.741	2.259	2.161	2.577
MEAN	0.000	0.000	0.000	0.000	0.000
STANDARD DEVIATION	1.000	1.000	1.000	1.000	1.000
N SIZE	20.000				

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Part ID= Y1 - DV4 PISTON

Rated Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT
Avis, Steven	28.00	22.31	0.36	64.67	0.11
Castillo, George	29.50	22.07	0.47	22.14	0.24
Cumberworth, Lee	27.58	23.08	0.80	26.78	0.47
DeCapite, Vanessa	28.75	22.06	0.33	20.53	0.02
Foecking, Brian	28.75	22.06	0.20	32.96	0.04
Goulais, Ed	19.80	10.30	2.50	9.50	2.65
Guarda, Waldyr	49.75	32.91	0.78	58.28	0.49
Hill, Howard P.	31.75	22.58	0.69	41.65	0.28
Kobrinetz, Joaquin J.	30.25	21.70	0.29	29.65	0.15
Lonsway, Chris	28.75	22.24	0.38	27.90	0.50
Lopez, Frank	28.75	22.56	0.65	16.54	0.20
Mueller, Stefan	45.21	20.84	0.22	56.01	0.10
Potocar, William P	28.75	33.54	0.45	21.79	0.30
Richards, Craig	28.00	27.08	4.04	23.15	1.03
Rodriguez, Jesus (Jesse)	28.75	22.57	0.40	23.08	0.40
Sanchez, Arthur	28.00	22.64	0.39	62.72	0.31
Seiz, Ray	32.50	66.82	0.21	72.86	0.30
Stremlow, Mike	30.25	21.74	0.65	60.57	0.54
Veiga, Victor	28.75	23.06	1.25	23.88	1.28
Zalewski, John	28.75	21.85	0.64	73.58	0.31
MAXIMUM	49.75	66.82	4.04	73.58	2.65
MINIMUM	19.80	10.30	0.20	9.50	0.02
RANGE(MAX-MIN)	29.950	56.520	3.840	64.080	2.630
MEAN	30.530	25.201	0.785	38.412	0.486
STANDARD DEVIATION	6.324	10.820	0.921	20.668	0.596
N SIZE	20.000				

Part ID= Y1 - DV4 PISTON

Y1 Y1 Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT
Avis, Steven	-0.40	-0.27	-0.46	1.27	-0.63
Castillo, George	-0.16	-0.29	-0.34	-0.79	-0.41
Cumberworth, Lee	-0.47	-0.20	0.02	-0.56	-0.03
DeCapite, Vanessa	-0.28	-0.29	-0.49	-0.87	-0.78
Foecking, Brian	-0.28	-0.29	-0.64	-0.26	-0.75
Goulais, Ed	-1.70	-1.38	1.86	-1.40	3.63
Guarda, Waldyr	3.04	0.71	-0.01	0.96	0.01
Hill, Howard P.	0.19	-0.24	-0.10	0.16	-0.35
Kobrinetz, Joaquin J.	-0.04	-0.32	-0.54	-0.42	-0.56
Lonsway, Chris	-0.28	-0.27	-0.44	-0.51	0.02
Lopez, Frank	-0.28	-0.24	-0.15	-1.06	-0.48
Mueller, Stefan	2.32	-0.40	-0.61	0.85	-0.65
Potocar, William P	-0.28	0.77	-0.36	-0.80	-0.31
Richards, Craig	-0.40	0.17	3.53	-0.74	0.91
Rodriguez, Jesus (Jesse)	-0.28	-0.24	-0.42	-0.74	-0.14
Sanchez, Arthur	-0.40	-0.24	-0.43	1.18	-0.30
Seiz, Ray	0.31	3.85	-0.62	1.67	-0.31
Stremlow, Mike	-0.04	-0.32	-0.15	1.07	0.09
Veiga, Victor	-0.28	-0.20	0.50	-0.70	1.33
Zalewski, John	-0.28	-0.31	-0.16	1.70	-0.30
MAXIMUM	3.04	3.85	3.53	1.70	3.63
MINIMUM	-0.04	0.17	-0.01	0.16	0.01
RANGE(MAX-MIN)	3.084	3.673	3.539	1.545	3.623
MEAN	0.000	0.000	0.000	0.000	0.000
STANDARD DEVIATION	1.000	1.000	1.000	1.000	1.000
N SIZE	20.000				

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Part ID= Y1 - DV4 PISTON

Rated Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT
Avis, Steven	28.00	22.31	0.36	64.67	0.11
Castillo, George	29.50	22.07	0.47	22.14	0.24
Cumberworth, Lee	27.58	23.08	0.80	26.78	0.47
DeCapite, Vanessa	28.75	22.06	0.33	20.53	0.02
Foecking, Brian	28.75	22.06	0.20	32.96	0.04
Guarda, Waldyr	49.75	32.91	0.78	58.28	0.49
Hill, Howard P.	31.75	22.58	0.69	41.65	0.28
Kobrinetz, Joaquin J.	30.25	21.70	0.29	29.65	0.15
Lonsway, Chris	28.75	22.24	0.38	27.90	0.50
Lopez, Frank	28.75	22.56	0.65	16.54	0.20
Mueller, Stefan	45.21	20.84	0.22	56.01	0.10
Potocar, William P	28.75	33.54	0.45	21.79	0.30
Rodriguez, Jesus (Jesse)	28.75	22.57	0.40	23.08	0.40
Sanchez, Arthur	28.00	22.64	0.39	62.72	0.31
Stremlow, Mike	30.25	21.74	0.65	60.57	0.54
Veiga, Victor	28.75	23.06	1.25	23.88	1.28
Zalewski, John	28.75	21.85	0.64	73.58	0.31
MAXIMUM	49.75	33.54	1.25	73.58	1.28
MINIMUM	27.58	20.84	0.20	16.54	0.02
RANGE(MAX-MIN)	22.170	12.700	1.050	57.040	1.260
MEAN	31.194	23.518	0.526	38.984	0.338
STANDARD DEVIATION	6.260	3.694	0.265	19.130	0.292
N SIZE	17.000				

Part ID= Y1 - DV4 PISTON

Y1 Y1 Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT
Avis, Steven	-0.51	-0.33	-0.63	1.34	-0.78
Castillo, George	-0.27	-0.39	-0.21	-0.88	-0.33
Cumberworth, Lee	-0.58	-0.12	1.03	-0.64	0.45
DeCapite, Vanessa	-0.39	-0.39	-0.74	-0.96	-1.09
Foecking, Brian	-0.39	-0.39	-1.23	-0.31	-1.02
Guarda, Waldyr	2.96	2.54	0.96	1.01	0.52
Hill, Howard P.	0.09	-0.25	0.62	0.14	-0.20
Kobrinetz, Joaquin J.	-0.15	-0.49	-0.89	-0.49	-0.64
Lonsway, Chris	-0.39	-0.35	-0.55	-0.58	0.56
Lopez, Frank	-0.39	-0.26	0.47	-1.17	-0.47
Mueller, Stefan	2.24	-0.72	-1.16	0.89	-0.81
Potocar, William P	-0.39	2.71	-0.29	-0.90	-0.13
Rodriguez, Jesus (Jesse)	-0.39	-0.26	-0.48	-0.83	0.21
Sanchez, Arthur	-0.51	-0.24	-0.52	1.24	-0.09
Stremlow, Mike	-0.15	-0.48	0.47	1.13	0.69
Veiga, Victor	-0.39	-0.12	2.73	-0.79	3.22
Zalewski, John	-0.39	-0.45	0.43	1.81	-0.09
MAXIMUM	2.96	2.71	2.73	1.81	3.22
MINIMUM	0.09	-0.12	-0.21	0.14	-0.09
RANGE(MAX-MIN)	2.875	2.831	2.947	1.669	3.318
MEAN	0.000	0.000	0.000	0.000	0.000
STANDARD DEVIATION	1.000	1.000	1.000	1.000	1.000
N SIZE	17.000				

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Part ID= Z1 - DV4 PISTON

Rated Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT
Cales, Jonathon	37.75	66.25	7.69	66.25	17.97
Cumberworth, Lee	19.54	73.75	17.52	75.51	18.11
Goulais, Ed	14.35	11.35	6.43	23.80	14.70
Guarda, Waldyr	79.12	97.75	18.61	96.25	23.52
Hill, Howard P.	19.50	58.00	15.53	70.00	16.99
Hurst, Kevin R.	25.00	85.00	17.86	92.50	21.90
Kobrinetz, Joaquin J.	18.85	83.50	16.17	77.50	17.80
Lonsway, Chris	19.60	70.00	17.02	81.25	23.58
Lowsky, John	21.97	78.25	16.86	80.50	16.61
Parvaz, Ibrar	18.18	74.50	16.31	53.50	22.06
Richards, Craig	19.40	25.00	17.90	67.75	23.00
Sanchez, Arthur	17.70	73.75	18.83	90.01	23.31
Seiz, Ray	21.93	94.75	16.23	89.25	25.16
Veiga, Victor	18.71	71.50	38.47	76.75	24.25
Viera, Ralph B.	79.75	80.50	17.75	78.25	17.96
Zalewski, John	18.98	79.75	17.04	87.76	17.20
MAXIMUM	79.75	97.75	38.47	96.25	25.16
MINIMUM	14.35	11.35	6.43	23.80	14.70
RANGE(MAX-MIN)	65.400	86.400	32.040	72.450	10.460
MEAN	28.146	70.225	17.264	75.427	20.258
STANDARD DEVIATION	20.651	22.710	6.686	17.651	3.365
N SIZE	16.000				

Part ID= Z1 - DV4 PISTON

Z1 Y1 Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT
Cales, Jonathon	0.47	-0.18	-1.43	-0.52	-0.68
Cumberworth, Lee	-0.42	0.16	0.04	0.00	-0.64
Goulais, Ed	-0.67	-2.59	-1.62	-2.92	-1.65
Guarda, Waldyr	2.47	1.21	0.20	1.18	0.97
Hill, Howard P.	-0.42	-0.54	-0.26	-0.31	-0.97
Hurst, Kevin R.	-0.15	0.65	0.09	0.97	0.49
Kobrinetz, Joaquin J.	-0.45	0.58	-0.16	0.12	-0.73
Lonsway, Chris	-0.41	-0.01	-0.04	0.33	0.99
Lowsky, John	-0.30	0.35	-0.06	0.29	-1.08
Parvaz, Ibrar	-0.48	0.19	-0.14	-1.24	0.54
Richards, Craig	-0.42	-1.99	0.10	-0.43	0.82
Sanchez, Arthur	-0.51	0.16	0.23	0.83	0.91
Seiz, Ray	-0.30	1.08	-0.15	0.78	1.46
Veiga, Victor	-0.46	0.06	3.17	0.08	1.19
Viera, Ralph B.	2.50	0.45	0.07	0.16	-0.68
Zalewski, John	-0.44	0.42	-0.03	0.70	-0.91
MAXIMUM	2.50	-2.59	3.17	-2.92	-1.65
MINIMUM	-0.15	-0.01	-0.03	0.00	0.49
RANGE(MAX-MIN)	2.651	-2.583	3.205	-2.930	-2.140
MEAN	0.000	0.000	0.000	0.000	0.000
STANDARD DEVIATION	1.000	1.000	1.000	1.000	1.000
N SIZE	16.000				

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Part ID= Z1 - DV4 PISTON

Rated Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT
Cales, Jonathon	37.75	66.25	7.69	66.25	17.97
Cumberworth, Lee	19.54	73.75	17.52	75.51	18.11
Goulais, Ed	14.35	11.35	6.43	23.80	14.70
Guarda, Waldyr	79.12	97.75	18.61	96.25	23.52
Hill, Howard P.	19.50	58.00	15.53	70.00	16.99
Hurst, Kevin R.	25.00	85.00	17.86	92.50	21.90
Kobrinetz, Joaquin J.	18.85	83.50	16.17	77.50	17.80
Lonsway, Chris	19.60	70.00	17.02	81.25	23.58
Lowsky, John	21.97	78.25	16.86	80.50	16.61
Parvaz, Ibrar	18.18	74.50	16.31	53.50	22.06
Richards, Craig	19.40	25.00	17.90	67.75	23.00
Sanchez, Arthur	17.70	73.75	18.83	90.01	23.31
Seiz, Ray	21.93	94.75	16.23	89.25	25.16
Viera, Ralph B.	79.75	80.50	17.75	78.25	17.96
Zalewski, John	18.98	79.75	17.04	87.76	17.20
MAXIMUM	79.75	97.75	18.83	96.25	25.16
MINIMUM	14.35	11.35	6.43	23.80	14.70
RANGE(MAX-MIN)	65.400	86.400	12.400	72.450	10.460
MEAN	28.775	70.140	15.850	75.339	19.991
STANDARD DEVIATION	21.216	23.504	3.692	18.267	3.304
N SIZE	15.000				

Part ID= Z1 - DV4 PISTON

Z1 Y1 Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT
Cales, Jonathon	0.42	-0.17	-2.21	-0.50	-0.61
Cumberworth, Lee	-0.44	0.15	0.45	0.01	-0.57
Goulais, Ed	-0.68	-2.50	-2.55	-2.82	-1.60
Guarda, Waldyr	2.37	1.17	0.75	1.14	1.07
Hill, Howard P.	-0.44	-0.52	-0.09	-0.29	-0.91
Hurst, Kevin R.	-0.18	0.63	0.54	0.94	0.58
Kobrinetz, Joaquin J.	-0.47	0.57	0.09	0.12	-0.66
Lonsway, Chris	-0.43	-0.01	0.32	0.32	1.09
Lowsky, John	-0.32	0.35	0.27	0.28	-1.02
Parvaz, Ibrar	-0.50	0.19	0.12	-1.20	0.63
Richards, Craig	-0.44	-1.92	0.56	-0.42	0.91
Sanchez, Arthur	-0.52	0.15	0.81	0.80	1.00
Seiz, Ray	-0.32	1.05	0.10	0.76	1.56
Viera, Ralph B.	2.40	0.44	0.51	0.16	-0.61
Zalewski, John	-0.46	0.41	0.32	0.68	-0.84
MAXIMUM	2.40	-2.50	-2.55	-2.82	-1.60
MINIMUM	-0.18	-0.01	-0.09	0.01	-0.57
RANGE(MAX-MIN)	2.581	-2.495	-2.465	-2.831	-1.032
MEAN	0.000	0.000	0.000	0.000	0.000
STANDARD DEVIATION	1.000	1.000	1.000	1.000	1.000
N SIZE	15.000				

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Part ID= ISMOP1 - ISM OIL PAN

Rated Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	TOTALS	
Aguirre, Nancy P	9.10	
Avis, Steven	9.53	
Barrera, Tony	8.98	
Cales, Jonathon	9.39	
Castillo, George	9.41	
Clare, Jamie	9.43	
Cumberworth, Lee	9.10	
DeCapite, Vanessa	9.49	
Foecking, Brian	9.43	
Guarda, Waldyr	9.27	
Hill, Howard P.	8.80	
Hurst, Kevin R.	9.48	
Kobrinetz, Joaquin J.	9.03	
Kraemer, Vernon	9.12	
Langford, Mike	9.45	
Lonsway, Chris	9.33	
Lopez, Frank	9.20	
Lowsky, John	9.43	
May, Marianne	9.15	
Potocar, William P	9.40	
Rodriguez, Jesus (Jesse)	9.10	
Sanchez, Arthur	9.37	
Seiz, Ray	9.07	
Terrado, Ken	9.37	
Trevino, Bobby	9.07	
Veiga, Victor	9.53	
Viera, Ralph B.	9.06	
Zalewski, John	9.12	
MAXIMUM	9.53	
MINIMUM	8.80	
RANGE(MAX-MIN)	0.730	
MEAN	9.258	
STANDARD DEVIATION	0.197	
N SIZE	28.000	

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Part ID= ISMOP1 - ISM OIL PAN

ISMOP1 Y1 Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	TOTALS	
Aguirre, Nancy P	-0.80	
Avis, Steven	1.39	
Barrera, Tony	-1.41	
Cales, Jonathon	0.67	
Castillo, George	0.78	
Clare, Jamie	0.88	
Cumberworth, Lee	-0.80	
DeCapite, Vanessa	1.18	
Foecking, Brian	0.88	
Guarda, Waldyr	0.06	
Hill, Howard P.	-2.33	
Hurst, Kevin R.	1.13	
Kobrinetz, Joaquin J.	-1.16	
Kraemer, Vernon	-0.70	
Langford, Mike	0.98	
Lonsway, Chris	0.37	
Lopez, Frank	-0.29	
Lowsky, John	0.88	
May, Marianne	-0.55	
Potocar, William P	0.72	
Rodriguez, Jesus (Jesse)	-0.80	
Sanchez, Arthur	0.57	
Seiz, Ray	-0.95	
Terrado, Ken	0.57	
Trevino, Bobby	-0.95	
Veiga, Victor	1.39	
Viera, Ralph B.	-1.00	
Zalewski, John	-0.70	
MAXIMUM	-2.33	
MINIMUM	0.06	
RANGE(MAX-MIN)	-2.389	
MEAN	0.000	
STANDARD DEVIATION	1.000	
N SIZE	28.000	

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Part ID= ISMOP2 - ISM OIL PAN

Rated Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	TOTALS	
Aguirre, Nancy P	9.13	
Avis, Steven	9.44	
Barrera, Tony	9.10	
Cales, Jonathon	9.29	
Castillo, George	9.35	
Clare, Jamie	9.43	
Cumberworth, Lee	9.15	
DeCapite, Vanessa	9.50	
Foecking, Brian	9.40	
Guarda, Waldyr	9.25	
Hill, Howard P.	9.18	
Hurst, Kevin R.	9.52	
Kobrinetz, Joaquin J.	9.08	
Kraemer, Vernon	9.18	
Langford, Mike	9.53	
Lonsway, Chris	9.35	
Lopez, Frank	9.15	
Lowsky, John	9.47	
May, Marianne	9.26	
Potocar, William P	9.38	
Rodriguez, Jesus (Jesse)	9.22	
Sanchez, Arthur	9.21	
Seiz, Ray	9.27	
Terrado, Ken	9.32	
Trevino, Bobby	9.11	
Veiga, Victor	9.42	
Viera, Ralph B.	9.12	
Zalewski, John	9.25	
MAXIMUM	9.53	
MINIMUM	9.08	
RANGE(MAX-MIN)	0.450	
MEAN	9.288	
STANDARD DEVIATION	0.139	
N SIZE	28.000	

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Part ID= ISMOP2 - ISM OIL PAN

ISMOP2 Y1 Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	TOTALS	
Aguirre, Nancy P	-1.14	
Avis, Steven	1.10	
Barrera, Tony	-1.35	
Cales, Jonathon	0.02	
Castillo, George	0.45	
Clare, Jamie	1.02	
Cumberworth, Lee	-0.99	
DeCapite, Vanessa	1.53	
Foecking, Brian	0.81	
Guarda, Waldyr	-0.27	
Hill, Howard P.	-0.78	
Hurst, Kevin R.	1.67	
Kobrinetz, Joaquin J.	-1.50	
Kraemer, Vernon	-0.78	
Langford, Mike	1.74	
Lonsway, Chris	0.45	
Lopez, Frank	-0.99	
Lowsky, John	1.31	
May, Marianne	-0.20	
Potocar, William P	0.66	
Rodriguez, Jesus (Jesse)	-0.49	
Sanchez, Arthur	-0.56	
Seiz, Ray	-0.13	
Terrado, Ken	0.23	
Trevino, Bobby	-1.28	
Veiga, Victor	0.95	
Viera, Ralph B.	-1.21	
Zalewski, John	-0.27	
MAXIMUM	1.74	
MINIMUM	0.02	
RANGE(MAX-MIN)	1.729	
MEAN	0.000	
STANDARD DEVIATION	1.000	
N SIZE	28.000	

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Part ID= ISMRC1 - ISM ROCKER COVER

Rated Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	TOTALS	
Aguirre, Nancy P	9.05	
Avis, Steven	9.56	
Barrera, Tony	9.05	
Cales, Jonathon	9.17	
Castillo, George	9.40	
Clare, Jamie	9.59	
Cumberworth, Lee	9.10	
DeCapite, Vanessa	9.49	
Foecking, Brian	9.41	
Guarda, Waldyr	9.12	
Hill, Howard P.	8.88	
Hurst, Kevin R.	9.38	
Kobrinetz, Joaquin J.	9.00	
Kraemer, Vernon	9.00	
Langford, Mike	9.58	
Lonsway, Chris	9.42	
Lopez, Frank	9.21	
Lowsky, John	9.64	
May, Marianne	9.14	
Potocar, William P	9.54	
Rodriguez, Jesus (Jesse)	9.08	
Sanchez, Arthur	9.37	
Seiz, Ray	9.29	
Terrado, Ken	9.39	
Trevino, Bobby	9.15	
Veiga, Victor	9.70	
Viera, Ralph B.	9.07	
Zalewski, John	9.66	
MAXIMUM	9.70	
MINIMUM	8.88	
RANGE(MAX-MIN)	0.820	
MEAN	9.301	
STANDARD DEVIATION	0.237	
N SIZE	28.000	

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Part ID= ISMRC1 - ISM ROCKER COVER

ISMRC1 Yi Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	TOTALS	
Aguirre, Nancy P	-1.06	
Avis, Steven	1.09	
Barrera, Tony	-1.06	
Cales, Jonathon	-0.56	
Castillo, George	0.42	
Clare, Jamie	1.22	
Cumberworth, Lee	-0.85	
DeCapite, Vanessa	0.80	
Foecking, Brian	0.46	
Guarda, Waldyr	-0.77	
Hill, Howard P.	-1.78	
Hurst, Kevin R.	0.33	
Kobrinetz, Joaquin J.	-1.27	
Kraemer, Vernon	-1.27	
Langford, Mike	1.18	
Lonsway, Chris	0.50	
Lopez, Frank	-0.39	
Lowsky, John	1.43	
May, Marianne	-0.68	
Potocar, William P	1.01	
Rodriguez, Jesus (Jesse)	-0.94	
Sanchez, Arthur	0.29	
Seiz, Ray	-0.05	
Terrado, Ken	0.37	
Trevino, Bobby	-0.64	
Veiga, Victor	1.68	
Viera, Ralph B.	-0.98	
Zalewski, John	1.51	
MAXIMUM	-1.78	
MINIMUM	-0.05	
RANGE(MAX-MIN)	-1.732	
MEAN	0.000	
STANDARD DEVIATION	1.000	
N SIZE	28.000	

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Part ID= ISMRC2 - ISM ROCKER COVER

Rated Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	TOTALS	
Aguirre, Nancy P	8.91	
Avis, Steven	9.47	
Barrera, Tony	9.00	
Cales, Jonathon	9.33	
Castillo, George	9.42	
Clare, Jamie	9.43	
Cumberworth, Lee	9.14	
DeCapite, Vanessa	9.47	
Foecking, Brian	9.38	
Guarda, Waldyr	9.14	
Hill, Howard P.	8.53	
Hurst, Kevin R.	9.48	
Kobrinetz, Joaquin J.	9.02	
Kraemer, Vernon	9.06	
Langford, Mike	9.43	
Lonsway, Chris	9.25	
Lopez, Frank	9.17	
Lowsky, John	9.51	
May, Marianne	9.15	
Potocar, William P	9.43	
Rodriguez, Jesus (Jesse)	9.12	
Sanchez, Arthur	9.38	
Seiz, Ray	9.10	
Terrado, Ken	9.37	
Trevino, Bobby	9.00	
Veiga, Victor	9.42	
Viera, Ralph B.	9.02	
Zalewski, John	9.63	
MAXIMUM	9.63	
MINIMUM	8.53	
RANGE(MAX-MIN)	1.100	
MEAN	9.241	
STANDARD DEVIATION	0.240	
N SIZE	28.000	

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Part ID= ISMRC2 - ISM ROCKER COVER

ISMRC2 Y1 Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	TOTALS	
Aguirre, Nancy P	-1.38	
Avis, Steven	0.95	
Barrera, Tony	-1.01	
Cales, Jonathon	0.37	
Castillo, George	0.75	
Clare, Jamie	0.79	
Cumberworth, Lee	-0.42	
DeCapite, Vanessa	0.95	
Foecking, Brian	0.58	
Guarda, Waldyr	-0.42	
Hill, Howard P.	-2.97	
Hurst, Kevin R.	1.00	
Kobrinetz, Joaquin J.	-0.92	
Kraemer, Vernon	-0.76	
Langford, Mike	0.79	
Lonsway, Chris	0.04	
Lopez, Frank	-0.30	
Lowsky, John	1.12	
May, Marianne	-0.38	
Potocar, William P	0.79	
Rodriguez, Jesus (Jesse)	-0.51	
Sanchez, Arthur	0.58	
Seiz, Ray	-0.59	
Terrado, Ken	0.54	
Trevino, Bobby	-1.01	
Veiga, Victor	0.75	
Viera, Ralph B.	-0.92	
Zalewski, John	1.62	
MAXIMUM	-2.97	
MINIMUM	0.04	
RANGE(MAX-MIN)	-3.005	
MEAN	0.000	
STANDARD DEVIATION	1.000	
N SIZE	28.000	

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Rater= Aguirre, Nancy P

YI Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	G1TOT	G2TOT	G3TOT	G4TOT	I2TOT	I3TOT	I4TOT	TGF	USTOT	I1TOT	UCTOT	SGF	TLHC	TLEC	THTOT	ATTOT	OCTOT	PSV
A1-SQUARE CUT																		
A2-KEYSTONE																		
A3-C13-STYLE																		
A4-SQUARE CUT																		
A5-SEQUENCE III																		
A6-ARTICULATED 2-PIECE																		
A7-SEQUENCE III																		
A8-SEQUENCE III																		
B1-SQUARE CUT	-1.06	-0.23	-0.12	-0.25	-0.41	0.33	0.08	-0.48										
B2-KEYSTONE	-0.58	1.00	-0.25		-0.92	-0.53		-1.12	0.33	-0.92	-0.66	0.72	0.00	-0.34				
B3-C13-STYLE																		
B4-SQUARE CUT																		
B5-SEQUENCE III																		
B6-ARTICULATED 2-PIECE																		
B7-SEQUENCE III																		
B8-SEQUENCE III																		
C1-SQUARE CUT	-0.94	-0.44	-0.25	-0.26	-0.22	0.54	0.16	-0.42										
C2-KEYSTONE	-0.14	-0.14	-0.35		-0.49	0.20		-0.52	-0.22	-0.43	-0.61	-0.24	-0.27	-0.50				
C3-C13-STYLE																		
C4-SQUARE CUT	0.49	-0.15	-0.12	0.27	-0.70	0.13	0.45	0.39										
C5-SEQUENCE III	-0.45	-0.27	-0.28		-2.08	0.01					-0.64				-0.66	0.34		
C6-ARTICULATED 2-PIECE	-0.38	-0.40	-0.27		-0.54	-0.10	-0.10	-0.84		-0.15		-1.03	-0.24	-0.50			0.84	
C7-SEQUENCE III																		
C8-SEQUENCE III																		
CAL-A-CALIBRATION PISTON																		
CAL-B-CALIBRATION PISTON	-1.44	-0.90	-0.04		-0.10	1.92		-2.47										
CAL-C-CALIBRATION PISTON	-0.92	-0.78	-0.45		-0.10	-0.69		-1.29										
CAL-D-CALIBRATION PISTON																		
CAL-N-CAL DV4 PISTON																		
CAL-W-CAL FIELD PISTON																		
E1-4-1-CAL. SEQ V PISTONS																		
E1-4-2-CAL. SEQ V PISTONS																		
E1-4-3-CAL. SEQ V PISTONS																		
E1-4-4-CAL. SEQ V PISTONS																		
F1-4-1-CAL. SEQ V PISTONS																		0.39
F1-4-2-CAL. SEQ V PISTONS																		0.02
F1-4-3-CAL. SEQ V PISTONS																		-1.06
F1-4-4-CAL. SEQ V PISTONS																		-1.01
G1-4-1-CAL. SEQ V PISTONS																		-0.59
G1-4-2-CAL. SEQ V PISTONS																		-0.36
G1-4-3-CAL. SEQ V PISTONS																		-0.92
G1-4-4-CAL. SEQ V PISTONS																		-0.82
Q1-8-1-SEQ V PISTONS																		
Q1-8-2-SEQ V PISTONS																		
Q1-8-3-SEQ V PISTONS																		
Q1-8-4-SEQ V PISTONS																		
Q1-8-5-SEQ V PISTONS																		
Q1-8-6-SEQ V PISTONS																		
Q1-8-7-SEQ V PISTONS																		
Q1-8-8-SEQ V PISTONS																		
R1-8-1-SEQ V PISTONS																		-0.99
R1-8-2-SEQ V PISTONS																		-0.79
R1-8-3-SEQ V PISTONS																		-0.63
R1-8-4-SEQ V PISTONS																		-0.70
R1-8-5-SEQ V PISTONS																		-0.40
R1-8-6-SEQ V PISTONS																		-0.44
R1-8-7-SEQ V PISTONS																		-0.61
R1-8-8-SEQ V PISTONS																		-0.45
S1-8-1-SEQ V PISTONS																		-0.44
S1-8-2-SEQ V PISTONS																		-0.48
S1-8-3-SEQ V PISTONS																		-0.55
S1-8-4-SEQ V PISTONS																		-0.24
S1-8-5-SEQ V PISTONS																		-0.54
S1-8-6-SEQ V PISTONS																		-0.27
S1-8-7-SEQ V PISTONS																		-0.45
S1-8-8-SEQ V PISTONS																		-0.33
T1-FIELD PISTON																		
U1-FIELD PISTON																		
V1-FIELD PISTON																		
X1-DV4 PISTON																		
Y1-DV4 PISTON																		
Z1-DV4 PISTON																		
MAXIMUM	-1.44	1.00	-0.45	0.27	-2.08	1.92	0.45	-2.47	0.33	-0.92	-0.66	-1.03	-0.27	-0.50	-0.66	0.34	0.84	-1.06
MINIMUM	-0.14	-0.14	-0.04	-0.25	-0.10	0.01	0.08	0.39	-0.22	-0.15	-0.61	-0.24	0.00	-0.34	-0.66	0.34	0.84	0.02
RANGE(MAX-MIN)	-1.300	1.140	-0.410	0.520	-1.980	1.910	0.370	-2.860	0.550	-0.770	-0.050	-0.790	-0.270	-0.160	0.000	0.000	0.000	-1.080
MEAN	-0.602	-0.257	-0.237	-0.080	-0.618	0.201	0.148	-0.844	0.055	-0.500	-0.637	-0.183	-0.170	-0.447	-0.660	0.340	0.840	-0.528
STANDARD DEVIATION	0.571	0.542	0.126	0.303	0.612	0.754	0.229	0.833	0.389	0.390	0.025	0.876	0.148	0.092	0.000	0.000	0.000	0.329

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Rater= Alvernaz, Jack

YI Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	G1TOT	G2TOT	G3TOT	G4TOT	I2TOT	I3TOT	I4TOT	TGF	USTOT	I1TOT	UCTOT	SGF	TLHC	TLEC	THTOT	ATTOT	OCTOT	PSV
A1-SQUARE CUT																		
A2-KEystone																		
A3-C13-STYLE																		
A4-SQUARE CUT																		
A5-SEQUENCE III																		
A6-ARTICULATED 2-PIECE																		
A7-SEQUENCE III																		
A8-SEQUENCE III																		
B1-SQUARE CUT	0.61	0.61	1.61	1.58	1.12	1.07	1.10	-0.48										
B2-KEystone	1.57	1.70	0.48		1.17	0.95		0.03	1.21	0.22	2.30	1.26	0.00	-0.34				
B3-C13-STYLE																		
B4-SQUARE CUT	0.12	1.23	-0.31	-0.25	0.90	-0.52	-0.65	-1.19										
B5-SEQUENCE III	-0.27	-0.23	1.24		-0.20	0.41					-0.25				0.63	0.30		
B6-ARTICULATED 2-PIECE	0.37	0.24	1.37		2.13	1.38	-0.50	-1.27		-0.64		-1.25	-0.76	-0.17			0.70	
B7-SEQUENCE III																		
B8-SEQUENCE III																		
C1-SQUARE CUT																		
C2-KEystone																		
C3-C13-STYLE																		
C4-SQUARE CUT																		
C5-SEQUENCE III																		
C6-ARTICULATED 2-PIECE																		
C7-SEQUENCE III																		
C8-SEQUENCE III																		
CAL-A-CALIBRATION PISTON																		
CAL-B-CALIBRATION PISTON	0.05	0.53	-0.71		0.35	0.88		-0.94										
CAL-C-CALIBRATION PISTON																		
CAL-D-CALIBRATION PISTON	0.36	-0.32	-0.19		-0.38	0.30		-0.42										
CAL-N-CAL DV4 PISTON																		
CAL-W-CAL FIELD PISTON																		
E1-4-1-CAL. SEQ V PISTONS																		
E1-4-2-CAL. SEQ V PISTONS																		
E1-4-3-CAL. SEQ V PISTONS																		
E1-4-4-CAL. SEQ V PISTONS																		
F1-4-1-CAL. SEQ V PISTONS																		
F1-4-2-CAL. SEQ V PISTONS																		
F1-4-3-CAL. SEQ V PISTONS																		
F1-4-4-CAL. SEQ V PISTONS																		
G1-4-1-CAL. SEQ V PISTONS																		
G1-4-2-CAL. SEQ V PISTONS																		
G1-4-3-CAL. SEQ V PISTONS																		
G1-4-4-CAL. SEQ V PISTONS																		
Q1-8-1-SEQ V PISTONS																		
Q1-8-2-SEQ V PISTONS																		
Q1-8-3-SEQ V PISTONS																		
Q1-8-4-SEQ V PISTONS																		
Q1-8-5-SEQ V PISTONS																		
Q1-8-6-SEQ V PISTONS																		
Q1-8-7-SEQ V PISTONS																		
Q1-8-8-SEQ V PISTONS																		
R1-8-1-SEQ V PISTONS																		
R1-8-2-SEQ V PISTONS																		
R1-8-3-SEQ V PISTONS																		
R1-8-4-SEQ V PISTONS																		
R1-8-5-SEQ V PISTONS																		
R1-8-6-SEQ V PISTONS																		
R1-8-7-SEQ V PISTONS																		
R1-8-8-SEQ V PISTONS																		
S1-8-1-SEQ V PISTONS																		
S1-8-2-SEQ V PISTONS																		
S1-8-3-SEQ V PISTONS																		
S1-8-4-SEQ V PISTONS																		
S1-8-5-SEQ V PISTONS																		
S1-8-6-SEQ V PISTONS																		
S1-8-7-SEQ V PISTONS																		
S1-8-8-SEQ V PISTONS																		
T1-FIELD PISTON																		
U1-FIELD PISTON																		
V1-FIELD PISTON																		
X1-DV4 PISTON																		
Y1-DV4 PISTON																		
Z1-DV4 PISTON																		
MAXIMUM	1.57	1.70	1.61	1.58	2.13	1.38	1.10	-1.27	1.21	-0.64	2.30	1.26	-0.76	-0.34	0.63	0.30	0.70	
MINIMUM	0.05	-0.23	-0.19	-0.25	-0.20	0.30	-0.50	0.03	1.21	0.22	-0.25	-1.25	0.00	-0.17	0.63	0.30	0.70	
RANGE(MAX-MIN)	1.520	1.930	1.800	1.830	2.330	1.080	1.600	-1.300	0.000	-0.860	2.550	2.510	-0.760	-0.170	0.000	0.000	0.000	
MEAN	0.401	0.537	0.499	0.665	0.727	0.639	-0.017	-0.712	1.210	-0.210	1.025	0.005	-0.380	-0.255	0.630	0.300	0.700	
STANDARD DEVIATION	0.587	0.736	0.925	1.294	0.873	0.632	0.970	0.506	0.000	0.608	1.803	1.775	0.537	0.120	0.000	0.000	0.000	

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Rater= Arrizon, Richard

YI Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	G1TOT	G2TOT	G3TOT	G4TOT	I2TOT	I3TOT	I4TOT	TGF	USTOT	I1TOT	UCTOT	SGF	TLHC	TLEC	THTOT	ATTOT	OCTOT	PSV
A1-SQUARE CUT																		
A2-KEYSTONE																		
A3-C13-STYLE	0.35	-0.95	0.45		-1.24	0.30	0.73			0.32								
A4-SQUARE CUT	-0.10	0.73	0.95	0.20	0.94	0.38	0.56	0.11										
A5-SEQUENCE III	0.42	-0.51	0.45		-0.42	0.01					0.83				-0.29	-0.06		
A6-ARTICULATED 2-PIECE																		
A7-SEQUENCE III	1.28	-1.03	-0.42		-1.18	0.34					0.11				-0.11	0.37		
A8-SEQUENCE III	1.44	0.39	0.12		-0.11	0.13					0.22				-0.55	0.25		
B1-SQUARE CUT																		
B2-KEYSTONE																		
B3-C13-STYLE																		
B4-SQUARE CUT																		
B5-SEQUENCE III																		
B6-ARTICULATED 2-PIECE																		
B7-SEQUENCE III																		
B8-SEQUENCE III																		
C1-SQUARE CUT																		
C2-KEYSTONE																		
C3-C13-STYLE																		
C4-SQUARE CUT																		
C5-SEQUENCE III																		
C6-ARTICULATED 2-PIECE																		
C7-SEQUENCE III																		
C8-SEQUENCE III																		
CAL-A-CALIBRATION PISTON																		
CAL-B-CALIBRATION PISTON	-0.59	0.16	0.71		-0.06	0.45		-0.94										
CAL-C-CALIBRATION PISTON																		
CAL-D-CALIBRATION PISTON	-0.30	-0.25	-0.19		-0.28	1.11		-0.48										
CAL-N-CAL DV4 PISTON																		
CAL-W-CAL FIELD PISTON																		
E1-4-1-CAL. SEQ V PISTONS																		
E1-4-2-CAL. SEQ V PISTONS																		
E1-4-3-CAL. SEQ V PISTONS																		
E1-4-4-CAL. SEQ V PISTONS																		
F1-4-1-CAL. SEQ V PISTONS																		
F1-4-2-CAL. SEQ V PISTONS																		
F1-4-3-CAL. SEQ V PISTONS																		
F1-4-4-CAL. SEQ V PISTONS																		
G1-4-1-CAL. SEQ V PISTONS																		
G1-4-2-CAL. SEQ V PISTONS																		
G1-4-3-CAL. SEQ V PISTONS																		
G1-4-4-CAL. SEQ V PISTONS																		
Q1-8-1-SEQ V PISTONS																		
Q1-8-2-SEQ V PISTONS																		
Q1-8-3-SEQ V PISTONS																		
Q1-8-4-SEQ V PISTONS																		
Q1-8-5-SEQ V PISTONS																		
Q1-8-6-SEQ V PISTONS																		
Q1-8-7-SEQ V PISTONS																		
Q1-8-8-SEQ V PISTONS																		
R1-8-1-SEQ V PISTONS																		
R1-8-2-SEQ V PISTONS																		
R1-8-3-SEQ V PISTONS																		
R1-8-4-SEQ V PISTONS																		
R1-8-5-SEQ V PISTONS																		
R1-8-6-SEQ V PISTONS																		
R1-8-7-SEQ V PISTONS																		
R1-8-8-SEQ V PISTONS																		
S1-8-1-SEQ V PISTONS																		
S1-8-2-SEQ V PISTONS																		
S1-8-3-SEQ V PISTONS																		
S1-8-4-SEQ V PISTONS																		
S1-8-5-SEQ V PISTONS																		
S1-8-6-SEQ V PISTONS																		
S1-8-7-SEQ V PISTONS																		
S1-8-8-SEQ V PISTONS																		
T1-FIELD PISTON																		
U1-FIELD PISTON																		
V1-FIELD PISTON																		
X1-DV4 PISTON																		
Y1-DV4 PISTON																		
Z1-DV4 PISTON																		
MAXIMUM	1.44	-1.03	0.95	0.20	-1.24	1.11	0.73	-0.94		0.32	0.83				-0.55	0.37		
MINIMUM	-0.10	0.16	0.12	0.20	-0.06	0.01	0.56	0.11		0.32	0.11				-0.11	-0.06		
RANGE(MAX-MIN)	1.540	-1.190	0.830	0.000	-1.180	1.100	0.170	-1.050		0.000	0.720				-0.440	0.430		
MEAN	0.357	-0.209	0.296	0.200	-0.336	0.389	0.645	-0.437		0.320	0.387				-0.317	0.187		
STANDARD DEVIATION	0.771	0.670	0.488	0.000	0.741	0.352	0.120	0.526		0.000	0.388				0.221	0.222		

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Rater= Avis, Steven

YI Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	G1IOT	G2TOT	G3IOT	G4IOT	I2TOT	I3TOT	I4IOT	TGF	USTOT	I1TOT	UCTOT	SGF	TLHC	TLEC	THTOT	ATTOT	OCTOT	PSV
A1-SQUARE CUT	-0.15	1.16	-0.24	0.18	-0.22	-0.26	-0.18	0.43										
A2-KEYSTONE	-0.55	1.09	-0.10		-0.20	-1.03		-0.98	-1.38	-0.41	0.46	1.17	0.00	-0.43				
A3-C13-STYLE	-0.58	-0.80	-0.17		0.12	-0.10	-0.03			-0.05								
A4-SQUARE CUT	-0.34	-0.49	-0.16	-0.50	1.06	-0.85	-0.88	-0.09										
A5-SEQUENCE III	-2.82	0.66	1.75		0.12	0.43					0.76				-0.41	-1.14		
A6-ARTICULATED 2-PIECE	0.35	-0.51	-0.66		-0.21	0.39	0.13	-0.79		0.84		-0.71	0.71	-0.41			1.12	
A7-SEQUENCE III	-0.86	0.09	-0.54		-0.71	-0.36					0.24				-1.20	-1.00		
A8-SEQUENCE III	-0.02	-0.94	0.12		-0.07	0.32					-1.76				0.22	-0.09		
B1-SQUARE CUT																		
B2-KEYSTONE																		
B3-C13-STYLE																		
B4-SQUARE CUT																		
B5-SEQUENCE III																		
B6-ARTICULATED 2-PIECE																		
B7-SEQUENCE III																		
B8-SEQUENCE III																		
C1-SQUARE CUT	-0.08	-0.29	-0.67	-0.71	0.56	-0.89	-0.99	0.22										
C2-KEYSTONE	-0.10	0.46	0.07		-0.20	-0.35		-0.60	-0.36	0.16	-0.95	0.74	-0.27	-0.50				
C3-C13-STYLE																		
C4-SQUARE CUT																		
C5-SEQUENCE III	-0.49	-0.07	0.06		1.17	0.06					-0.59				0.32	-1.07		
C6-ARTICULATED 2-PIECE																		
C7-SEQUENCE III																		
C8-SEQUENCE III																		
CAL-A-CALIBRATION PISTON	0.90	-1.47	-1.09		0.00	0.03		0.83										
CAL-B-CALIBRATION PISTON	0.41	0.62	-1.05		0.46	-0.18		1.27										
CAL-C-CALIBRATION PISTON																		
CAL-D-CALIBRATION PISTON																		
CAL-N-CAL DV4 PISTON	-0.63	-0.60	-0.31		-0.02	-0.36												
CAL-W-CAL FIELD PISTON	0.14	0.12	-0.17		0.34	-0.19									-0.48	1.16		
E1-4-1-CAL. SEQ V PISTONS																		-0.01
E1-4-2-CAL. SEQ V PISTONS																		-0.65
E1-4-3-CAL. SEQ V PISTONS																		-0.11
E1-4-4-CAL. SEQ V PISTONS																		0.60
F1-4-1-CAL. SEQ V PISTONS																		
F1-4-2-CAL. SEQ V PISTONS																		
F1-4-3-CAL. SEQ V PISTONS																		
F1-4-4-CAL. SEQ V PISTONS																		
G1-4-1-CAL. SEQ V PISTONS																		
G1-4-2-CAL. SEQ V PISTONS																		
G1-4-3-CAL. SEQ V PISTONS																		
G1-4-4-CAL. SEQ V PISTONS																		
Q1-8-1-SEQ V PISTONS																		-0.76
Q1-8-2-SEQ V PISTONS																		-0.72
Q1-8-3-SEQ V PISTONS																		-0.47
Q1-8-4-SEQ V PISTONS																		-0.79
Q1-8-5-SEQ V PISTONS																		-0.88
Q1-8-6-SEQ V PISTONS																		-0.72
Q1-8-7-SEQ V PISTONS																		-0.53
Q1-8-8-SEQ V PISTONS																		-0.54
R1-8-1-SEQ V PISTONS																		
R1-8-2-SEQ V PISTONS																		
R1-8-3-SEQ V PISTONS																		
R1-8-4-SEQ V PISTONS																		
R1-8-5-SEQ V PISTONS																		
R1-8-6-SEQ V PISTONS																		
R1-8-7-SEQ V PISTONS																		
R1-8-8-SEQ V PISTONS																		
S1-8-1-SEQ V PISTONS																		
S1-8-2-SEQ V PISTONS																		
S1-8-3-SEQ V PISTONS																		
S1-8-4-SEQ V PISTONS																		
S1-8-5-SEQ V PISTONS																		
S1-8-6-SEQ V PISTONS																		
S1-8-7-SEQ V PISTONS																		
S1-8-8-SEQ V PISTONS																		
T1-FIELD PISTON	-0.13	1.53	-0.69		0.09	0.39									-0.73	-0.49		
U1-FIELD PISTON	0.43	-0.35	0.25		-0.21	-0.15									-1.21	0.05		
V1-FIELD PISTON																		
X1-DV4 PISTON	-0.92	0.76	-0.17		-0.50	-0.56												
Y1-DV4 PISTON	-0.40	-0.27	-0.46		1.27	-0.63												
Z1-DV4 PISTON																		
MAXIMUM	-2.82	1.53	1.75	-0.71	1.27	-1.03	-0.99	1.27	-1.38	0.84	-1.76	1.17	0.71	-0.50	-1.21	1.16	1.12	-0.88
MINIMUM	-0.02	-0.07	0.06	0.18	0.00	0.03	-0.03	-0.09	-0.36	-0.05	0.24	-0.71	0.00	-0.41	0.22	0.05	1.12	-0.01
RANGE(MAX-MIN)	-2.800	1.600	1.690	-0.890	1.270	-1.060	-0.960	1.360	-1.020	0.890	-2.000	1.880	0.710	-0.090	-1.430	1.110	0.000	-0.870
MEAN	-0.307	0.037	-0.223	-0.343	0.150	-0.226	-0.390	0.036	-0.870	0.135	-0.307	0.400	0.147	-0.447	-0.499	-0.369	1.120	-0.465
STANDARD DEVIATION	0.769	0.793	0.607	0.465	0.544	0.439	0.511	0.800	0.721	0.526	0.962	0.985	0.506	0.047	0.612	0.826	0.000	0.427

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Rater= Barrera, Tony

YI Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	G1TOT	G2TOT	G3TOT	G4TOT	I2TOT	I3TOT	I4TOT	TGF	USTOT	I1TOT	UCTOT	SGF	TLHC	TLEC	THTOT	ATTOT	OCTOT	PSV
A1-SQUARE CUT																		
A2-KEYSTONE																		
A3-C13-STYLE																		
A4-SQUARE CUT																		
A5-SEQUENCE III																		
A6-ARTICULATED 2-PIECE																		
A7-SEQUENCE III																		
A8-SEQUENCE III																		
B1-SQUARE CUT	-0.53	-0.15	-0.45	-0.55	-0.41	0.02	-0.24	-1.07										
B2-KEYSTONE	-1.04	-0.82	-0.41		-0.48	-0.42		-0.54	-1.03	1.16	-0.63	-0.41	0.00	-0.34				
B3-C13-STYLE	-1.25	-0.01	-0.09		-0.80	0.44	0.18			-0.07								
B4-SQUARE CUT	-0.81	0.31	0.08	-0.10	-0.40	0.41	0.47	0.19										
B5-SEQUENCE III	-0.26	-0.23	-0.51		-0.41	0.54					-1.17				-0.12	-0.70		
B6-ARTICULATED 2-PIECE	-0.82	-0.01	1.00		-0.19	0.71	0.80	-1.04		-0.04		-0.10	-0.14	-0.84			-0.57	
B7-SEQUENCE III	0.35	1.28	-0.49		0.18	-0.03					-1.08				-0.80	-0.71		
B8-SEQUENCE III	-0.01	-0.28	-0.94		0.67	-0.33					0.25				0.36	-0.80		
C1-SQUARE CUT																		
C2-KEYSTONE																		
C3-C13-STYLE																		
C4-SQUARE CUT																		
C5-SEQUENCE III																		
C6-ARTICULATED 2-PIECE																		
C7-SEQUENCE III																		
C8-SEQUENCE III																		
CAL-A-CALIBRATION PISTON	-0.23	1.33	0.82		0.03	0.79		-0.94										
CAL-B-CALIBRATION PISTON																		
CAL-C-CALIBRATION PISTON	-0.91	-0.34	0.15		0.02	-0.24		0.07										
CAL-D-CALIBRATION PISTON																		
CAL-N-CAL DV4 PISTON	-0.50	-0.40	-0.32		-0.12	-0.16												
CAL-W-CAL FIELD PISTON	-0.11	-0.13	-0.12		-0.11	-0.23									-0.20	0.08		
E1-4-1-CAL. SEQ V PISTONS																		0.46
E1-4-2-CAL. SEQ V PISTONS																		0.49
E1-4-3-CAL. SEQ V PISTONS																		0.42
E1-4-4-CAL. SEQ V PISTONS																		0.12
F1-4-1-CAL. SEQ V PISTONS																		
F1-4-2-CAL. SEQ V PISTONS																		
F1-4-3-CAL. SEQ V PISTONS																		
F1-4-4-CAL. SEQ V PISTONS																		
G1-4-1-CAL. SEQ V PISTONS																		0.63
G1-4-2-CAL. SEQ V PISTONS																		-0.08
G1-4-3-CAL. SEQ V PISTONS																		0.46
G1-4-4-CAL. SEQ V PISTONS																		-0.18
Q1-8-1-SEQ V PISTONS																		0.32
Q1-8-2-SEQ V PISTONS																		0.01
Q1-8-3-SEQ V PISTONS																		-0.18
Q1-8-4-SEQ V PISTONS																		-0.05
Q1-8-5-SEQ V PISTONS																		-0.01
Q1-8-6-SEQ V PISTONS																		-0.20
Q1-8-7-SEQ V PISTONS																		-0.05
Q1-8-8-SEQ V PISTONS																		0.01
R1-8-1-SEQ V PISTONS																		
R1-8-2-SEQ V PISTONS																		
R1-8-3-SEQ V PISTONS																		
R1-8-4-SEQ V PISTONS																		
R1-8-5-SEQ V PISTONS																		
R1-8-6-SEQ V PISTONS																		
R1-8-7-SEQ V PISTONS																		
R1-8-8-SEQ V PISTONS																		
S1-8-1-SEQ V PISTONS																		-0.17
S1-8-2-SEQ V PISTONS																		-0.13
S1-8-3-SEQ V PISTONS																		-0.25
S1-8-4-SEQ V PISTONS																		-0.04
S1-8-5-SEQ V PISTONS																		-0.14
S1-8-6-SEQ V PISTONS																		0.09
S1-8-7-SEQ V PISTONS																		-0.09
S1-8-8-SEQ V PISTONS																		-0.23
T1-FIELD PISTON	-0.13	0.08	-0.86		0.38	-0.51									-0.52	-0.84		
U1-FIELD PISTON																		
V1-FIELD PISTON																		
X1-DV4 PISTON																		
Y1-DV4 PISTON																		
Z1-DV4 PISTON																		
MAXIMUM	-1.25	1.33	1.00	-0.55	-0.80	0.79	0.80	-1.07	-1.03	1.16	-1.17	-0.41	-0.14	-0.84	-0.80	-0.84	-0.57	0.63
MINIMUM	-0.01	-0.01	0.08	-0.10	0.02	0.02	0.18	0.07	-1.03	-0.04	0.25	-0.10	0.00	-0.34	-0.12	0.08	-0.57	0.01
RANGE(MAX-MIN)	-1.240	1.340	0.920	-0.450	-0.820	0.770	0.620	-1.140	0.000	1.200	-1.420	-0.310	-0.140	-0.500	-0.680	-0.920	0.000	0.620
MEAN	-0.481	0.048	-0.165	-0.325	-0.126	0.076	0.303	-0.555	-1.030	0.350	-0.658	-0.255	-0.070	-0.590	-0.256	-0.594	-0.570	0.050
STANDARD DEVIATION	0.465	0.619	0.575	0.318	0.393	0.446	0.442	0.565	0.000	0.702	0.649	0.219	0.099	0.354	0.438	0.381	0.000	0.264

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Rater= Cales, Jonathon

YI Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	G1TOT	G2TOT	G3TOT	G4TOT	I2TOT	I3TOT	I4TOT	TGF	USTOT	I1TOT	UCTOT	SGF	TLHC	TLEC	THTOT	ATTOT	OCTOT	PSV
A1-SQUARE CUT																		
A2-KEYSTONE																		
A3-C13-STYLE																		
A4-SQUARE CUT	-1.01	-0.04	-0.16	-0.28	-2.47	-0.23	-0.16	-0.69										
A5-SEQUENCE III																		
A6-ARTICULATED 2-PIECE																		
A7-SEQUENCE III																		
A8-SEQUENCE III																		
B1-SQUARE CUT																		
B2-KEYSTONE																		
B3-C13-STYLE																		
B4-SQUARE CUT																		
B5-SEQUENCE III																		
B6-ARTICULATED 2-PIECE																		
B7-SEQUENCE III																		
B8-SEQUENCE III																		
C1-SQUARE CUT	-0.16	-0.52	-0.25	-0.16	0.58	-0.64	0.38	-0.74										
C2-KEYSTONE																		
C3-C13-STYLE	-0.13	-0.25	0.24		-0.44	-1.27	-0.56			0.86								
C4-SQUARE CUT	-1.12	0.36	-0.26	-0.27	-0.33	1.46	0.33	-1.19										
C5-SEQUENCE III																		
C6-ARTICULATED 2-PIECE																		
C7-SEQUENCE III	-0.56	-0.07	0.66		-0.53	-0.08					0.08				-0.23	-0.68		
C8-SEQUENCE III	-0.81	-0.38	0.62		-0.49	-0.22					0.12				0.20	-0.51		
CAL-A-CALIBRATION PISTON	-0.83	0.27	0.82		-0.49	0.87		0.51										
CAL-B-CALIBRATION PISTON																		
CAL-C-CALIBRATION PISTON																		
CAL-D-CALIBRATION PISTON	-0.63	-0.59	0.05		0.00	2.77		-0.66										
CAL-N-CAL DV4 PISTON	-0.34	-1.06	-0.34		-0.30	-0.25												
CAL-W-CAL FIELD PISTON	-0.01	-0.31	-0.16		-0.06	-0.08									0.65	0.11		
E1-4-1-CAL. SEQ V PISTONS																		
E1-4-2-CAL. SEQ V PISTONS																		
E1-4-3-CAL. SEQ V PISTONS																		
E1-4-4-CAL. SEQ V PISTONS																		
F1-4-1-CAL. SEQ V PISTONS																		-0.92
F1-4-2-CAL. SEQ V PISTONS																		-1.12
F1-4-3-CAL. SEQ V PISTONS																		-0.97
F1-4-4-CAL. SEQ V PISTONS																		-0.24
G1-4-1-CAL. SEQ V PISTONS																		-0.84
G1-4-2-CAL. SEQ V PISTONS																		-0.50
G1-4-3-CAL. SEQ V PISTONS																		-0.77
G1-4-4-CAL. SEQ V PISTONS																		-0.75
Q1-8-1-SEQ V PISTONS																		-0.96
Q1-8-2-SEQ V PISTONS																		-0.69
Q1-8-3-SEQ V PISTONS																		-0.66
Q1-8-4-SEQ V PISTONS																		-0.77
Q1-8-5-SEQ V PISTONS																		-0.64
Q1-8-6-SEQ V PISTONS																		-0.39
Q1-8-7-SEQ V PISTONS																		-0.43
Q1-8-8-SEQ V PISTONS																		-0.65
R1-8-1-SEQ V PISTONS																		
R1-8-2-SEQ V PISTONS																		
R1-8-3-SEQ V PISTONS																		
R1-8-4-SEQ V PISTONS																		
R1-8-5-SEQ V PISTONS																		
R1-8-6-SEQ V PISTONS																		
R1-8-7-SEQ V PISTONS																		
R1-8-8-SEQ V PISTONS																		
S1-8-1-SEQ V PISTONS																		
S1-8-2-SEQ V PISTONS																		
S1-8-3-SEQ V PISTONS																		
S1-8-4-SEQ V PISTONS																		
S1-8-5-SEQ V PISTONS																		
S1-8-6-SEQ V PISTONS																		
S1-8-7-SEQ V PISTONS																		
S1-8-8-SEQ V PISTONS																		
T1-FIELD PISTON																		
U1-FIELD PISTON																		
V1-FIELD PISTON																		
X1-DV4 PISTON	0.36	-0.85	-0.80		1.12	-0.74												
Y1-DV4 PISTON																		
Z1-DV4 PISTON	0.47	-0.18	-1.43		-0.52	-0.68												
MAXIMUM	-1.12	-1.06	-1.43	-0.28	-2.47	2.77	-0.56	-1.19		0.86	0.12				0.65	-0.68		-1.12
MINIMUM	-0.01	-0.04	0.05	-0.16	0.00	-0.08	-0.16	0.51		0.86	0.08				0.20	0.11		-0.24
RANGE(MAX-MIN)	-1.110	-1.020	-1.480	-0.120	-2.470	2.850	-0.400	-1.700		0.000	0.040				0.450	-0.790		-0.880
MEAN	-0.398	-0.302	-0.084	-0.237	-0.328	0.076	-0.003	-0.554		0.860	0.100				0.207	-0.360		-0.706
STANDARD DEVIATION	0.517	0.417	0.636	0.067	0.844	1.116	0.444	0.633		0.000	0.028				0.440	0.416		0.235

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Rater= Castillo, George

YI Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	G1IOT	G2TOT	G3IOT	G4IOT	I2TOT	I3TOT	I4IOT	TGF	USTOT	I1TOT	UCTOT	SGF	TLHC	TLEC	THTOT	ATTOT	OCTOT	PSV
A1-SQUARE CUT	-0.16	-0.94	-1.01	-0.43	-0.73	-0.04	0.56	0.08										
A2-KEYSTONE	-0.04	0.02	1.21		-1.33	-0.98		-0.69	-0.10	-0.44	-1.65	-0.19	0.00	-0.43				
A3-C13-STYLE	-0.05	-1.63	0.39		-0.34	-0.94	0.78			-2.19								
A4-SQUARE CUT	-0.45	-1.31	-0.94	-0.58		-1.33	-0.23	0.06	-0.99									
A5-SEQUENCE III	0.62	-0.98	-0.92		-0.94	-1.03					0.44				-0.06	-1.14		
A6-ARTICULATED 2-PIECE	-0.89	-1.02	0.18		-1.19	1.63	-0.54	-0.42		-1.48		-0.71	-1.38	-0.41			-1.10	
A7-SEQUENCE III	-1.87	-0.29	-0.50		-0.71	0.11					-0.19				-0.39	-0.85		
A8-SEQUENCE III	-1.87	-0.50	-0.77		-0.33	-0.59					1.01				-0.94	-1.30		
B1-SQUARE CUT																		
B2-KEYSTONE																		
B3-C13-STYLE																		
B4-SQUARE CUT																		
B5-SEQUENCE III																		
B6-ARTICULATED 2-PIECE																		
B7-SEQUENCE III																		
B8-SEQUENCE III																		
C1-SQUARE CUT																		
C2-KEYSTONE																		
C3-C13-STYLE																		
C4-SQUARE CUT																		
C5-SEQUENCE III																		
C6-ARTICULATED 2-PIECE																		
C7-SEQUENCE III																		
C8-SEQUENCE III																		
CAL-A-CALIBRATION PISTON																		
CAL-B-CALIBRATION PISTON	0.61	-0.23	-0.96		-0.61	0.26		0.08										
CAL-C-CALIBRATION PISTON	-0.50	-0.20	-0.17		-0.40	-0.31		-0.03										
CAL-D-CALIBRATION PISTON																		
CAL-N-CAL DV4 PISTON	-1.12	-0.11	-0.25		2.47	-0.34												
CAL-W-CAL FIELD PISTON	0.28	-0.31	-0.35		-0.40	-0.14									-0.12	0.96		
E1-4-1-CAL. SEQ V PISTONS																		0.72
E1-4-2-CAL. SEQ V PISTONS																		0.75
E1-4-3-CAL. SEQ V PISTONS																		1.16
E1-4-4-CAL. SEQ V PISTONS																		-0.04
F1-4-1-CAL. SEQ V PISTONS																		1.08
F1-4-2-CAL. SEQ V PISTONS																		0.52
F1-4-3-CAL. SEQ V PISTONS																		1.04
F1-4-4-CAL. SEQ V PISTONS																		0.37
G1-4-1-CAL. SEQ V PISTONS																		
G1-4-2-CAL. SEQ V PISTONS																		
G1-4-3-CAL. SEQ V PISTONS																		
G1-4-4-CAL. SEQ V PISTONS																		
Q1-8-1-SEQ V PISTONS																		0.34
Q1-8-2-SEQ V PISTONS																		-0.02
Q1-8-3-SEQ V PISTONS																		0.40
Q1-8-4-SEQ V PISTONS																		0.20
Q1-8-5-SEQ V PISTONS																		0.09
Q1-8-6-SEQ V PISTONS																		0.12
Q1-8-7-SEQ V PISTONS																		0.06
Q1-8-8-SEQ V PISTONS																		-0.12
R1-8-1-SEQ V PISTONS																		-0.40
R1-8-2-SEQ V PISTONS																		-0.02
R1-8-3-SEQ V PISTONS																		0.51
R1-8-4-SEQ V PISTONS																		-0.02
R1-8-5-SEQ V PISTONS																		-0.20
R1-8-6-SEQ V PISTONS																		-0.16
R1-8-7-SEQ V PISTONS																		-0.18
R1-8-8-SEQ V PISTONS																		-0.12
S1-8-1-SEQ V PISTONS																		
S1-8-2-SEQ V PISTONS																		
S1-8-3-SEQ V PISTONS																		
S1-8-4-SEQ V PISTONS																		
S1-8-5-SEQ V PISTONS																		
S1-8-6-SEQ V PISTONS																		
S1-8-7-SEQ V PISTONS																		
S1-8-8-SEQ V PISTONS																		
T1-FIELD PISTON	0.13	-0.47	-0.14		-0.13	-1.50									-0.11	0.08		
U1-FIELD PISTON	-0.19	-0.38	0.46		-0.34	-0.20									-0.23	0.20		
V1-FIELD PISTON																		
X1-DV4 PISTON	-0.92	0.43	-0.17		-0.68	-1.04												
Y1-DV4 PISTON	-0.16	-0.29	-0.34		-0.79	-0.41												
Z1-DV4 PISTON																		
MAXIMUM	-1.87	-1.63	1.21	-0.58	2.47	1.63	0.78	-0.99	-0.10	-2.19	-1.65	-0.71	-1.38	-0.43	-0.94	-1.30	-1.10	1.16
MINIMUM	-0.04	0.02	-0.14	-0.43	-0.13	-0.04	0.06	-0.03	-0.10	-0.44	-0.19	-0.19	0.00	-0.41	-0.06	0.08	-1.10	-0.02
RANGE(MAX-MIN)	-1.830	-1.650	1.350	-0.150	2.600	1.670	0.720	-0.960	0.000	-1.750	-1.460	-0.520	-1.380	-0.020	-0.880	-1.380	0.000	1.180
MEAN	-0.399	-0.513	-0.268	-0.505	-0.486	-0.359	0.215	-0.328	-0.100	-1.370	-0.098	-0.450	-0.690	-0.420	-0.308	-0.342	-1.100	0.253
STANDARD DEVIATION	0.732	0.530	0.611	0.106	0.869	0.719	0.587	0.447	0.000	0.880	1.145	0.368	0.976	0.014	0.331	0.892	0.000	0.439

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Rater= Clare, Jamie

YI Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	G1TOT	G2TOT	G3TOT	G4TOT	I2TOT	I3TOT	I4TOT	TGF	USTOT	I1TOT	UCTOT	SGF	TLHC	TLEC	THTOT	ATTOT	OCTOT	PSV
A1-SQUARE CUT																		
A2-KEYSTONE																		
A3-C13-STYLE																		
A4-SQUARE CUT																		
A5-SEQUENCE III																		
A6-ARTICULATED 2-PIECE																		
A7-SEQUENCE III																		
A8-SEQUENCE III																		
B1-SQUARE CUT	0.07	-2.09	0.45	1.21	-0.61	1.02	1.27	0.79										
B2-KEYSTONE	-2.18	-0.41	-0.27		-0.60	1.21		1.18	0.99	0.71	-0.89	-0.72	0.00	-0.34				
B3-C13-STYLE	-0.69	-0.66	-0.55		-0.82	-0.20	0.65			0.37								
B4-SQUARE CUT	-0.89	-1.60	-0.05	-0.20	-0.94	0.47	0.54	-0.81										
B5-SEQUENCE III	-0.29	-0.29	0.96		0.30	-0.18					0.27				0.69	0.82		
B6-ARTICULATED 2-PIECE	-1.25	-1.38	-0.63		-0.20	-0.31	0.21	-0.12		0.86		0.67	0.83	-0.17			-1.59	
B7-SEQUENCE III	1.00	-1.91	1.22		-0.40	-0.14					-0.29				1.63	1.84		
B8-SEQUENCE III	0.14	0.09	0.60		0.70	-0.08					-0.10				1.44	0.72		
C1-SQUARE CUT																		
C2-KEYSTONE																		
C3-C13-STYLE																		
C4-SQUARE CUT																		
C5-SEQUENCE III																		
C6-ARTICULATED 2-PIECE																		
C7-SEQUENCE III																		
C8-SEQUENCE III																		
CAL-A-CALIBRATION PISTON																		
CAL-B-CALIBRATION PISTON	0.36	-0.90	-0.21		-0.64	-1.82		0.42										
CAL-C-CALIBRATION PISTON																		
CAL-D-CALIBRATION PISTON	-0.44	-0.88	-0.38		-0.19	-1.14		-0.30										
CAL-N-CAL DV4 PISTON	0.24	-0.29	-0.33		-0.58	0.06												
CAL-W-CAL FIELD PISTON	-1.29	-0.41	-0.07		-0.61	-0.32									-0.09	0.81		
E1-4-1-CAL. SEQ V PISTONS																		-0.95
E1-4-2-CAL. SEQ V PISTONS																		-1.26
E1-4-3-CAL. SEQ V PISTONS																		-1.71
E1-4-4-CAL. SEQ V PISTONS																		-1.74
F1-4-1-CAL. SEQ V PISTONS																		
F1-4-2-CAL. SEQ V PISTONS																		
F1-4-3-CAL. SEQ V PISTONS																		
F1-4-4-CAL. SEQ V PISTONS																		
G1-4-1-CAL. SEQ V PISTONS																		0.60
G1-4-2-CAL. SEQ V PISTONS																		0.11
G1-4-3-CAL. SEQ V PISTONS																		0.24
G1-4-4-CAL. SEQ V PISTONS																		0.98
Q1-8-1-SEQ V PISTONS																		
Q1-8-2-SEQ V PISTONS																		
Q1-8-3-SEQ V PISTONS																		
Q1-8-4-SEQ V PISTONS																		
Q1-8-5-SEQ V PISTONS																		
Q1-8-6-SEQ V PISTONS																		
Q1-8-7-SEQ V PISTONS																		
Q1-8-8-SEQ V PISTONS																		
R1-8-1-SEQ V PISTONS																		
R1-8-2-SEQ V PISTONS																		
R1-8-3-SEQ V PISTONS																		
R1-8-4-SEQ V PISTONS																		
R1-8-5-SEQ V PISTONS																		
R1-8-6-SEQ V PISTONS																		
R1-8-7-SEQ V PISTONS																		
R1-8-8-SEQ V PISTONS																		
S1-8-1-SEQ V PISTONS																		
S1-8-2-SEQ V PISTONS																		
S1-8-3-SEQ V PISTONS																		
S1-8-4-SEQ V PISTONS																		
S1-8-5-SEQ V PISTONS																		
S1-8-6-SEQ V PISTONS																		
S1-8-7-SEQ V PISTONS																		
S1-8-8-SEQ V PISTONS																		
T1-FIELD PISTON																		
U1-FIELD PISTON																		
V1-FIELD PISTON																		
X1-DV4 PISTON																		
Y1-DV4 PISTON																		
Z1-DV4 PISTON																		
MAXIMUM	-2.18	-2.09	1.22	1.21	-0.94	-1.82	1.27	1.18	0.99	0.86	-0.89	-0.72	0.83	-0.34	1.63	1.84	-1.59	-1.74
MINIMUM	0.07	0.09	-0.05	-0.20	-0.19	0.06	0.21	-0.12	0.99	0.37	-0.10	0.67	0.00	-0.17	-0.09	0.72	-1.59	0.11
RANGE(MAX-MIN)	-2.250	-2.180	1.270	1.410	-0.750	-1.880	1.060	1.300	0.000	0.490	-0.790	-1.390	0.830	-0.170	1.720	1.120	0.000	-1.850
MEAN	-0.435	-0.894	0.062	0.505	-0.383	-0.119	0.668	0.193	0.990	0.647	-0.253	-0.025	0.415	-0.255	0.918	1.048	-1.590	-0.466
STANDARD DEVIATION	0.877	0.702	0.603	0.997	0.474	0.824	0.443	0.739	0.000	0.251	0.484	0.983	0.587	0.120	0.785	0.530	0.000	1.075

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Rater= Cumberworth, Lee

YI Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	G1TOT	G2TOT	G3TOT	G4TOT	I2TOT	I3TOT	I4TOT	TGF	USTOT	I1TOT	UCTOT	SGF	TLHC	TLEC	THTOT	ATTOT	OCTOT	PSV
A1-SQUARE CUT																		
A2-KEYSTONE																		
A3-C13-STYLE																		
A4-SQUARE CUT	-1.23	-1.08	-0.16	-0.15	-0.02	-0.23	-0.16	-0.19										
A5-SEQUENCE III																		
A6-ARTICULATED 2-PIECE																		
A7-SEQUENCE III																		
A8-SEQUENCE III																		
B1-SQUARE CUT	-1.37	0.11	-0.90	-0.49	0.66	0.02	-0.46	-0.90										
B2-KEYSTONE																		
B3-C13-STYLE																		
B4-SQUARE CUT																		
B5-SEQUENCE III																		
B6-ARTICULATED 2-PIECE																		
B7-SEQUENCE III																		
B8-SEQUENCE III																		
C1-SQUARE CUT	-1.39	-0.40	-0.10	-0.36	-0.34	-0.15	0.06	-0.34										
C2-KEYSTONE																		
C3-C13-STYLE																		
C4-SQUARE CUT	-0.45	1.15	-0.16	-0.27	-0.45	0.33	0.02	0.14										
C5-SEQUENCE III																		
C6-ARTICULATED 2-PIECE	-0.54	0.02	-0.33		1.21	1.03	0.24	-0.39		-0.41		-0.50	-0.56	0.27			0.70	
C7-SEQUENCE III																		
C8-SEQUENCE III																		
CAL-A-CALIBRATION PISTON																		
CAL-B-CALIBRATION PISTON																		
CAL-C-CALIBRATION PISTON	0.29	-0.11	0.42		-0.11	0.97		-0.90										
CAL-D-CALIBRATION PISTON	-0.30	-0.12	-0.17		-0.68	-0.20		-0.66										
CAL-N-CAL DV4 PISTON	-0.52	-0.94	-0.34		-0.97	-0.34												
CAL-W-CAL FIELD PISTON																		
E1-4-1-CAL. SEQ V PISTONS																		
E1-4-2-CAL. SEQ V PISTONS																		
E1-4-3-CAL. SEQ V PISTONS																		
E1-4-4-CAL. SEQ V PISTONS																		
F1-4-1-CAL. SEQ V PISTONS																		
F1-4-2-CAL. SEQ V PISTONS																		
F1-4-3-CAL. SEQ V PISTONS																		
F1-4-4-CAL. SEQ V PISTONS																		
G1-4-1-CAL. SEQ V PISTONS																		-0.41
G1-4-2-CAL. SEQ V PISTONS																		-0.14
G1-4-3-CAL. SEQ V PISTONS																		-0.42
G1-4-4-CAL. SEQ V PISTONS																		-0.69
Q1-8-1-SEQ V PISTONS																		
Q1-8-2-SEQ V PISTONS																		
Q1-8-3-SEQ V PISTONS																		
Q1-8-4-SEQ V PISTONS																		
Q1-8-5-SEQ V PISTONS																		
Q1-8-6-SEQ V PISTONS																		
Q1-8-7-SEQ V PISTONS																		
Q1-8-8-SEQ V PISTONS																		
R1-8-1-SEQ V PISTONS																		
R1-8-2-SEQ V PISTONS																		
R1-8-3-SEQ V PISTONS																		
R1-8-4-SEQ V PISTONS																		
R1-8-5-SEQ V PISTONS																		
R1-8-6-SEQ V PISTONS																		
R1-8-7-SEQ V PISTONS																		
R1-8-8-SEQ V PISTONS																		
S1-8-1-SEQ V PISTONS																		
S1-8-2-SEQ V PISTONS																		
S1-8-3-SEQ V PISTONS																		
S1-8-4-SEQ V PISTONS																		
S1-8-5-SEQ V PISTONS																		
S1-8-6-SEQ V PISTONS																		
S1-8-7-SEQ V PISTONS																		
S1-8-8-SEQ V PISTONS																		
T1-FIELD PISTON																		
U1-FIELD PISTON																		
V1-FIELD PISTON																		
X1-DV4 PISTON	-0.07	0.06	-0.59		-0.51	-0.02												
Y1-DV4 PISTON	-0.47	-0.20	0.02		-0.56	-0.03												
Z1-DV4 PISTON	-0.42	0.16	0.04		0.00	-0.64												
MAXIMUM	-1.39	1.15	-0.90	-0.49	1.21	1.03	-0.46	-0.90		-0.41		-0.50	-0.56	0.27			0.70	-0.69
MINIMUM	-0.07	0.02	0.02	-0.15	0.00	0.02	0.02	0.14		-0.41		-0.50	-0.56	0.27			0.70	-0.14
RANGE(MAX-MIN)	-1.320	1.130	-0.920	-0.340	1.210	1.010	-0.480	-1.040		0.000		0.000	0.000	0.000			0.000	-0.550
MEAN	-0.588	-0.123	-0.206	-0.318	-0.161	0.067	-0.060	-0.463		-0.410		-0.500	-0.560	0.270			0.700	-0.415
STANDARD DEVIATION	0.535	0.589	0.344	0.144	0.626	0.520	0.265	0.383		0.000		0.000	0.000	0.000			0.000	0.225

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Rater= DeCapite, Vanessa

YI Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	G1IOT	G2TOT	G3IOT	G4IOT	I2TOT	I3TOT	I4IOT	TGE	USTOT	I1TOT	UCTOT	SGF	TLHC	TLEC	THTOT	ATTOT	OCTOT	PSV
A1-SQUARE CUT	-1.09	1.24	-1.11	-1.03	0.47	-1.31	-1.53	-1.20										
A2-KEYSTONE	0.12	-1.28	-0.47		-0.07	0.84		-0.55	-0.91	-0.22	-0.19	-0.64	0.00	-0.43				
A3-C13-STYLE	-0.65	-0.01	-1.33		-0.60	-1.88	-1.89			0.20								
A4-SQUARE CUT	-0.70	-0.15	-0.83	-0.63	0.34	-0.79	-0.81	-0.99										
A5-SEQUENCE III	0.62	-0.05	1.34		-0.08	1.12					0.46				0.58	0.05		
A6-ARTICULATED 2-PIECE	-0.08	-0.53	-0.19		-1.22	-0.96	-0.89	-0.51		-0.82		0.00	-0.18	-0.41			0.98	
A7-SEQUENCE III	0.36	-0.29	1.61		0.11	0.82					-0.72				0.70	0.01		
A8-SEQUENCE III	0.17	0.39	1.22		-0.78	1.15					-0.21				0.17	-0.27		
B1-SQUARE CUT																		
B2-KEYSTONE																		
B3-C13-STYLE																		
B4-SQUARE CUT																		
B5-SEQUENCE III																		
B6-ARTICULATED 2-PIECE																		
B7-SEQUENCE III																		
B8-SEQUENCE III																		
C1-SQUARE CUT																		
C2-KEYSTONE																		
C3-C13-STYLE																		
C4-SQUARE CUT																		
C5-SEQUENCE III																		
C6-ARTICULATED 2-PIECE																		
C7-SEQUENCE III																		
C8-SEQUENCE III																		
CAL-A-CALIBRATION PISTON	-0.03	1.27	-0.98		0.77	0.75		-0.50										
CAL-B-CALIBRATION PISTON	-1.07	0.26	-0.88		-1.16	-0.43		-0.43										
CAL-C-CALIBRATION PISTON																		
CAL-D-CALIBRATION PISTON																		
CAL-N-CAL DV4 PISTON	-0.01	-0.24	-0.34		-0.96	-0.43												
CAL-W-CAL FIELD PISTON	0.10	-0.14	-0.11		-0.35	-0.23									-0.30	0.42		
E1-4-1-CAL. SEQ V PISTONS																		0.15
E1-4-2-CAL. SEQ V PISTONS																		0.32
E1-4-3-CAL. SEQ V PISTONS																		-0.01
E1-4-4-CAL. SEQ V PISTONS																		1.33
F1-4-1-CAL. SEQ V PISTONS																		0.67
F1-4-2-CAL. SEQ V PISTONS																		0.55
F1-4-3-CAL. SEQ V PISTONS																		0.41
F1-4-4-CAL. SEQ V PISTONS																		1.21
G1-4-1-CAL. SEQ V PISTONS																		
G1-4-2-CAL. SEQ V PISTONS																		
G1-4-3-CAL. SEQ V PISTONS																		
G1-4-4-CAL. SEQ V PISTONS																		
Q1-8-1-SEQ V PISTONS																		-0.10
Q1-8-2-SEQ V PISTONS																		-0.30
Q1-8-3-SEQ V PISTONS																		0.34
Q1-8-4-SEQ V PISTONS																		0.14
Q1-8-5-SEQ V PISTONS																		-0.25
Q1-8-6-SEQ V PISTONS																		0.11
Q1-8-7-SEQ V PISTONS																		0.29
Q1-8-8-SEQ V PISTONS																		-0.09
R1-8-1-SEQ V PISTONS																		-0.06
R1-8-2-SEQ V PISTONS																		0.08
R1-8-3-SEQ V PISTONS																		0.18
R1-8-4-SEQ V PISTONS																		0.03
R1-8-5-SEQ V PISTONS																		-0.53
R1-8-6-SEQ V PISTONS																		-0.22
R1-8-7-SEQ V PISTONS																		-0.06
R1-8-8-SEQ V PISTONS																		0.05
S1-8-1-SEQ V PISTONS																		
S1-8-2-SEQ V PISTONS																		
S1-8-3-SEQ V PISTONS																		
S1-8-4-SEQ V PISTONS																		
S1-8-5-SEQ V PISTONS																		
S1-8-6-SEQ V PISTONS																		
S1-8-7-SEQ V PISTONS																		
S1-8-8-SEQ V PISTONS																		
T1-FIELD PISTON	0.13	0.67	0.98		0.51	-0.54									-0.03	0.45		
U1-FIELD PISTON	-0.19	-0.44	-0.52		-0.26	-0.24									-0.49	0.16		
V1-FIELD PISTON																		
X1-DV4 PISTON	-0.07	-0.14	-1.05		-0.64	-1.22												
Y1-DV4 PISTON	-0.28	-0.29	-0.49		-0.87	-0.78												
Z1-DV4 PISTON																		
MAXIMUM	-1.09	-1.28	1.61	-1.03	-1.22	-1.88	-1.89	-1.20	-0.91	-0.82	-0.72	-0.64	-0.18	-0.43	0.70	0.45	0.98	1.33
MINIMUM	-0.01	-0.01	-0.11	-0.63	-0.07	-0.23	-0.81	-0.43	-0.91	0.20	-0.19	0.00	0.00	-0.41	-0.03	0.01	0.98	-0.01
RANGE(MAX-MIN)	-1.080	-1.270	1.720	-0.400	-1.150	-1.650	-1.080	-0.770	0.000	-1.020	-0.530	-0.640	-0.180	-0.020	0.730	0.440	0.000	1.340
MEAN	-0.167	0.017	-0.197	-0.830	-0.299	-0.258	-1.280	-0.697	-0.910	-0.280	-0.165	-0.320	-0.090	-0.420	0.105	0.137	0.980	0.177
STANDARD DEVIATION	0.484	0.644	0.954	0.283	0.625	0.935	0.519	0.318	0.000	0.513	0.483	0.453	0.127	0.014	0.473	0.271	0.000	0.433

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Rater= Ellis, Paul

YI Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	G1TOT	G2TOT	G3TOT	G4TOT	I2TOT	I3TOT	I4TOT	TGF	USTOT	I1TOT	UCTOT	SGF	TLHC	TLEC	THTOT	ATTOT	OCTOT	PSV
A1-SQUARE CUT																		
A2-KEYSTONE																		
A3-C13-STYLE																		
A4-SQUARE CUT																		
A5-SEQUENCE III																		
A6-ARTICULATED 2-PIECE																		
A7-SEQUENCE III																		
A8-SEQUENCE III																		
B1-SQUARE CUT	3.45	-1.26	0.84	0.79	0.68	1.59	1.37	3.08										
B2-KEYSTONE	0.10	-0.87	-0.80		3.16	-0.56		1.18	-1.16	-1.71	-1.04	-0.72	0.00	3.33				
B3-C13-STYLE	2.61	-0.30	-0.34		2.26	-0.37	0.85			0.02								
B4-SQUARE CUT	3.46	-2.32	2.69	3.55	-0.52	-0.76	-0.94	3.26										
B5-SEQUENCE III	-0.31	-0.29	-1.28		-0.63	1.08					2.27				1.97	2.49		
B6-ARTICULATED 2-PIECE	0.82	-1.54	1.44		-1.65	0.58	0.62	0.50		1.74		-0.35	1.98	0.51			1.46	
B7-SEQUENCE III	-0.08	0.56	-0.71		-0.76	-0.35					2.01				2.00	2.19		
B8-SEQUENCE III	-0.40	2.17	-1.06		-1.86	-0.62					-1.68				0.12	2.88		
C1-SQUARE CUT																		
C2-KEYSTONE																		
C3-C13-STYLE																		
C4-SQUARE CUT																		
C5-SEQUENCE III																		
C6-ARTICULATED 2-PIECE																		
C7-SEQUENCE III																		
C8-SEQUENCE III																		
CAL-A-CALIBRATION PISTON	-3.36	0.57	0.82		0.39	-0.02		1.14										
CAL-B-CALIBRATION PISTON	2.37	-0.80	1.46		-0.65	0.83		1.27										
CAL-C-CALIBRATION PISTON	3.23	0.06	1.80		0.22	-0.51		1.53										
CAL-D-CALIBRATION PISTON																		
CAL-N-CAL DV4 PISTON	1.85	2.38	-0.34		1.06	-0.04												
CAL-W-CAL FIELD PISTON																		
E1-4-1-CAL. SEQ V PISTONS																		
E1-4-2-CAL. SEQ V PISTONS																		
E1-4-3-CAL. SEQ V PISTONS																		
E1-4-4-CAL. SEQ V PISTONS																		
F1-4-1-CAL. SEQ V PISTONS																		
F1-4-2-CAL. SEQ V PISTONS																		
F1-4-3-CAL. SEQ V PISTONS																		
F1-4-4-CAL. SEQ V PISTONS																		
G1-4-1-CAL. SEQ V PISTONS																		
G1-4-2-CAL. SEQ V PISTONS																		
G1-4-3-CAL. SEQ V PISTONS																		
G1-4-4-CAL. SEQ V PISTONS																		
Q1-8-1-SEQ V PISTONS																		
Q1-8-2-SEQ V PISTONS																		
Q1-8-3-SEQ V PISTONS																		
Q1-8-4-SEQ V PISTONS																		
Q1-8-5-SEQ V PISTONS																		
Q1-8-6-SEQ V PISTONS																		
Q1-8-7-SEQ V PISTONS																		
Q1-8-8-SEQ V PISTONS																		
R1-8-1-SEQ V PISTONS																		
R1-8-2-SEQ V PISTONS																		
R1-8-3-SEQ V PISTONS																		
R1-8-4-SEQ V PISTONS																		
R1-8-5-SEQ V PISTONS																		
R1-8-6-SEQ V PISTONS																		
R1-8-7-SEQ V PISTONS																		
R1-8-8-SEQ V PISTONS																		
S1-8-1-SEQ V PISTONS																		
S1-8-2-SEQ V PISTONS																		
S1-8-3-SEQ V PISTONS																		
S1-8-4-SEQ V PISTONS																		
S1-8-5-SEQ V PISTONS																		
S1-8-6-SEQ V PISTONS																		
S1-8-7-SEQ V PISTONS																		
S1-8-8-SEQ V PISTONS																		
T1-FIELD PISTON																		
U1-FIELD PISTON																		
V1-FIELD PISTON																		
X1-DV4 PISTON																		
Y1-DV4 PISTON																		
Z1-DV4 PISTON																		
MAXIMUM	3.46	2.38	2.69	3.55	3.16	1.59	1.37	3.26	-1.16	1.74	2.27	-0.72	1.98	3.33	2.00	2.88	1.46	
MINIMUM	-0.08	0.06	-0.34	0.79	0.22	-0.02	0.62	0.50	-1.16	0.02	-1.04	-0.35	0.00	0.51	0.12	2.19	1.46	
RANGE(MAX-MIN)	3.540	2.320	3.030	2.760	2.940	1.610	0.750	2.760	0.000	1.720	3.310	-0.370	1.980	2.820	1.880	0.690	0.000	
MEAN	1.145	-0.137	0.377	2.170	0.142	0.071	0.475	1.709	-1.160	0.017	0.390	-0.535	0.990	1.920	1.363	2.520	1.460	
STANDARD DEVIATION	2.060	1.405	1.297	1.952	1.492	0.766	0.994	1.047	0.000	1.725	2.040	0.262	1.400	1.994	1.077	0.346	0.000	

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Rater= Escobar, Wilmar

YI Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	G1TOT	G2TOT	G3TOT	G4TOT	I2TOT	I3TOT	I4TOT	TGF	USTOT	I1TOT	UCTOT	SGF	TLHC	TLEC	THTOT	ATTOT	OCTOT	PSV
A1-SQUARE CUT																		
A2-KEystone																		
A3-C13-STYLE																		
A4-SQUARE CUT																		
A5-SEQUENCE III																		
A6-ARTICULATED 2-PIECE																		
A7-SEQUENCE III																		
A8-SEQUENCE III																		
B1-SQUARE CUT																		
B2-KEystone																		
B3-C13-STYLE																		
B4-SQUARE CUT																		
B5-SEQUENCE III																		
B6-ARTICULATED 2-PIECE																		
B7-SEQUENCE III																		
B8-SEQUENCE III																		
C1-SQUARE CUT	-0.34	-0.83	-0.59	-0.66	0.01	-0.15	-0.21	-0.50										
C2-KEystone	-0.09	0.88	0.11		-0.13	0.35		-0.63	0.59	-0.86	0.50	0.11	-0.27	-0.50				
C3-C13-STYLE	0.11	0.03	0.43		-0.06	-0.37	-0.24			0.65								
C4-SQUARE CUT																		
C5-SEQUENCE III	-0.44	-0.38	-0.65		-0.27	0.08					0.05				0.24	-1.07		
C6-ARTICULATED 2-PIECE	-0.29	-0.48	0.17		-0.56	0.68	-0.33	-1.06		1.08		-1.03	1.11	-0.61			0.42	
C7-SEQUENCE III																		
C8-SEQUENCE III																		
CAL-A-CALIBRATION PISTON	0.19	-0.09	-1.30		-0.57	-1.22		-0.50										
CAL-B-CALIBRATION PISTON																		
CAL-C-CALIBRATION PISTON																		
CAL-D-CALIBRATION PISTON	-0.28	-0.24	-0.21		-0.18	-0.86		-0.66										
CAL-N-CAL DV4 PISTON																		
CAL-W-CAL FIELD PISTON																		
E1-4-1-CAL. SEQ V PISTONS																		
E1-4-2-CAL. SEQ V PISTONS																		
E1-4-3-CAL. SEQ V PISTONS																		
E1-4-4-CAL. SEQ V PISTONS																		
F1-4-1-CAL. SEQ V PISTONS																		-1.37
F1-4-2-CAL. SEQ V PISTONS																		-0.84
F1-4-3-CAL. SEQ V PISTONS																		-0.44
F1-4-4-CAL. SEQ V PISTONS																		-1.58
G1-4-1-CAL. SEQ V PISTONS																		-1.99
G1-4-2-CAL. SEQ V PISTONS																		-0.52
G1-4-3-CAL. SEQ V PISTONS																		-1.80
G1-4-4-CAL. SEQ V PISTONS																		-1.44
Q1-8-1-SEQ V PISTONS																		
Q1-8-2-SEQ V PISTONS																		
Q1-8-3-SEQ V PISTONS																		
Q1-8-4-SEQ V PISTONS																		
Q1-8-5-SEQ V PISTONS																		
Q1-8-6-SEQ V PISTONS																		
Q1-8-7-SEQ V PISTONS																		
Q1-8-8-SEQ V PISTONS																		
R1-8-1-SEQ V PISTONS																		
R1-8-2-SEQ V PISTONS																		
R1-8-3-SEQ V PISTONS																		
R1-8-4-SEQ V PISTONS																		
R1-8-5-SEQ V PISTONS																		
R1-8-6-SEQ V PISTONS																		
R1-8-7-SEQ V PISTONS																		
R1-8-8-SEQ V PISTONS																		
S1-8-1-SEQ V PISTONS																		
S1-8-2-SEQ V PISTONS																		
S1-8-3-SEQ V PISTONS																		
S1-8-4-SEQ V PISTONS																		
S1-8-5-SEQ V PISTONS																		
S1-8-6-SEQ V PISTONS																		
S1-8-7-SEQ V PISTONS																		
S1-8-8-SEQ V PISTONS																		
T1-FIELD PISTON																		
U1-FIELD PISTON																		
V1-FIELD PISTON																		
X1-DV4 PISTON																		
Y1-DV4 PISTON																		
Z1-DV4 PISTON																		
MAXIMUM	-0.44	0.88	-1.30	-0.66	-0.57	-1.22	-0.33	-1.06	0.59	1.08	0.50	-1.03	1.11	-0.61	0.24	-1.07	0.42	-1.99
MINIMUM	-0.09	0.03	0.11	-0.66	0.01	0.08	-0.21	-0.50	0.59	0.65	0.05	0.11	-0.27	-0.50	0.24	-1.07	0.42	-0.44
RANGE(MAX-MIN)	-0.350	0.850	-1.410	0.000	-0.580	-1.300	-0.120	-0.560	0.000	0.430	0.450	-1.140	1.380	-0.110	0.000	0.000	0.000	-1.550
MEAN	-0.163	-0.159	-0.291	-0.660	-0.251	-0.213	-0.260	-0.670	0.590	0.290	0.275	-0.460	0.420	-0.555	0.240	-1.070	0.420	-1.248
STANDARD DEVIATION	0.239	0.537	0.597	0.000	0.232	0.666	0.062	0.230	0.000	1.019	0.318	0.806	0.976	0.078	0.000	0.000	0.000	0.581

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Rater= Foecking, Brian

YI Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	G1IOT	G2TOT	G3IOT	G4IOT	I2TOT	I3TOT	I4IOT	TGF	USTOT	I1TOT	UCTOT	SGF	TLHC	TLEC	THTOT	ATTOT	OCTOT	PSV
A1-SQUARE CUT	-0.23	0.31	-1.11	-1.13	0.00	-1.05	-1.59	-0.85										
A2-KEYSTONE	-0.38	-1.52	0.01		-0.20	-0.35		-0.41	-0.97	0.10	0.26	-0.19	0.00	-0.43				
A3-C13-STYLE	-0.77	0.66	-0.50		0.45	1.73	-0.85			0.36								
A4-SQUARE CUT	-0.55	-0.01	-1.17	-0.71		0.46	-0.79	-0.81	-0.09									
A5-SEQUENCE III	-1.03	-0.45	-2.26		-0.60	1.04					0.59				1.22	-0.71		
A6-ARTICULATED 2-PIECE	-1.42	0.23	-1.61		-0.86	-1.44	-0.54	-0.70		-0.56		-0.71	0.11	-0.41			-0.40	
A7-SEQUENCE III	-0.85	-1.03	-0.30		0.06	2.18					2.66				0.66	-0.20		
A8-SEQUENCE III	0.33	-0.94	-0.16		-0.30	0.47					1.52				0.33	-0.35		
B1-SQUARE CUT																		
B2-KEYSTONE																		
B3-C13-STYLE																		
B4-SQUARE CUT																		
B5-SEQUENCE III																		
B6-ARTICULATED 2-PIECE																		
B7-SEQUENCE III																		
B8-SEQUENCE III																		
C1-SQUARE CUT																		
C2-KEYSTONE																		
C3-C13-STYLE																		
C4-SQUARE CUT																		
C5-SEQUENCE III																		
C6-ARTICULATED 2-PIECE																		
C7-SEQUENCE III																		
C8-SEQUENCE III																		
CAL-A-CALIBRATION PISTON																		
CAL-B-CALIBRATION PISTON	-0.11	-0.10	-1.05		0.14	1.42		0.25										
CAL-C-CALIBRATION PISTON	-1.08	-0.55	-1.18		0.04	0.19		-0.41										
CAL-D-CALIBRATION PISTON																		
CAL-N-CAL DV4 PISTON	-0.01	-0.20	-0.34		0.08	-0.37												
CAL-W-CAL FIELD PISTON	-0.76	0.06	0.03		-0.32	-0.08									-0.92	-2.00		
E1-4-1-CAL. SEQ V PISTONS																		-1.05
E1-4-2-CAL. SEQ V PISTONS																		0.10
E1-4-3-CAL. SEQ V PISTONS																		0.31
E1-4-4-CAL. SEQ V PISTONS																		-0.33
F1-4-1-CAL. SEQ V PISTONS																		-0.47
F1-4-2-CAL. SEQ V PISTONS																		-0.62
F1-4-3-CAL. SEQ V PISTONS																		0.14
F1-4-4-CAL. SEQ V PISTONS																		-0.13
G1-4-1-CAL. SEQ V PISTONS																		
G1-4-2-CAL. SEQ V PISTONS																		
G1-4-3-CAL. SEQ V PISTONS																		
G1-4-4-CAL. SEQ V PISTONS																		
Q1-8-1-SEQ V PISTONS																		
Q1-8-2-SEQ V PISTONS																		
Q1-8-3-SEQ V PISTONS																		
Q1-8-4-SEQ V PISTONS																		
Q1-8-5-SEQ V PISTONS																		
Q1-8-6-SEQ V PISTONS																		
Q1-8-7-SEQ V PISTONS																		
Q1-8-8-SEQ V PISTONS																		
R1-8-1-SEQ V PISTONS																		
R1-8-2-SEQ V PISTONS																		
R1-8-3-SEQ V PISTONS																		
R1-8-4-SEQ V PISTONS																		
R1-8-5-SEQ V PISTONS																		
R1-8-6-SEQ V PISTONS																		
R1-8-7-SEQ V PISTONS																		
R1-8-8-SEQ V PISTONS																		
S1-8-1-SEQ V PISTONS																		
S1-8-2-SEQ V PISTONS																		
S1-8-3-SEQ V PISTONS																		
S1-8-4-SEQ V PISTONS																		
S1-8-5-SEQ V PISTONS																		
S1-8-6-SEQ V PISTONS																		
S1-8-7-SEQ V PISTONS																		
S1-8-8-SEQ V PISTONS																		
T1-FIELD PISTON	-0.13	-1.46	1.22		0.33	1.20									-0.69	0.11		
U1-FIELD PISTON	-0.81	-0.35	0.34		-0.35	-0.23									-0.26	1.10		
V1-FIELD PISTON																		
X1-DV4 PISTON	-0.07	0.66	-1.18		-0.15	-1.28												
Y1-DV4 PISTON	-0.28	-0.29	-0.64		-0.26	-0.75												
Z1-DV4 PISTON																		
MAXIMUM	-1.42	-1.52	-2.26	-1.13	-0.86	2.18	-1.59	-0.85	-0.97	-0.56	2.66	-0.71	0.11	-0.43	1.22	-2.00	-0.40	-1.05
MINIMUM	-0.01	-0.01	0.01	-0.71	0.00	-0.08	-0.54	-0.09	-0.97	0.10	0.26	-0.19	0.00	-0.41	-0.26	0.11	-0.40	0.10
RANGE(MAX-MIN)	-1.410	-1.510	-2.270	-0.420	-0.860	2.260	-1.050	-0.760	0.000	-0.660	2.400	-0.520	0.110	-0.020	1.480	-2.110	0.000	-1.150
MEAN	-0.509	-0.311	-0.619	-0.920	-0.093	0.118	-0.948	-0.368	-0.970	-0.033	1.258	-0.450	0.055	-0.420	0.057	-0.342	-0.400	-0.256
STANDARD DEVIATION	0.473	0.664	0.839	0.297	0.362	1.115	0.450	0.401	0.000	0.474	1.076	0.368	0.078	0.014	0.825	1.019	0.000	0.453

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Rater= Fujita, Hirokazu

YI Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	G1TOT	G2TOT	G3TOT	G4TOT	I2TOT	I3TOT	I4TOT	TGF	USTOT	I1TOT	UCTOT	SGF	TLHC	TLEC	THTOT	ATTOT	OCTOT	PSV
A1-SQUARE CUT																		
A2-KEYSTONE																		
A3-C13-STYLE																		
A4-SQUARE CUT																		
A5-SEQUENCE III																		
A6-ARTICULATED 2-PIECE																		
A7-SEQUENCE III																		
A8-SEQUENCE III																		
B1-SQUARE CUT	-0.02	1.91	1.99	2.06	-0.77	2.64	2.45	0.46										
B2-KEYSTONE	-0.11	0.34	3.48		-0.95	2.71		-1.28	1.47	0.25	0.49	1.69	0.00	-0.34				
B3-C13-STYLE																		
B4-SQUARE CUT	0.14	-0.21	2.03	0.25	-0.84	2.74	1.88	0.00										
B5-SEQUENCE III	0.07	-0.29	0.78		-0.98	-1.23					-0.42				2.43	1.97		
B6-ARTICULATED 2-PIECE																		
B7-SEQUENCE III	-0.07	-0.85	0.64		-0.58	-0.46					0.58				0.99	0.04		
B8-SEQUENCE III	-0.62	-0.90	0.16		-0.57	-0.46					-0.10				0.59	-0.04		
C1-SQUARE CUT																		
C2-KEYSTONE																		
C3-C13-STYLE																		
C4-SQUARE CUT																		
C5-SEQUENCE III																		
C6-ARTICULATED 2-PIECE																		
C7-SEQUENCE III																		
C8-SEQUENCE III																		
CAL-A-CALIBRATION PISTON																		
CAL-B-CALIBRATION PISTON	-0.76	-0.76	-0.21		-1.13	0.21		-0.60										
CAL-C-CALIBRATION PISTON																		
CAL-D-CALIBRATION PISTON	-0.09	-0.17	-0.16		-0.49	0.92		-0.57										
CAL-N-CAL DV4 PISTON																		
CAL-W-CAL FIELD PISTON																		
E1-4-1-CAL. SEQ V PISTONS																		
E1-4-2-CAL. SEQ V PISTONS																		
E1-4-3-CAL. SEQ V PISTONS																		
E1-4-4-CAL. SEQ V PISTONS																		
F1-4-1-CAL. SEQ V PISTONS																		
F1-4-2-CAL. SEQ V PISTONS																		
F1-4-3-CAL. SEQ V PISTONS																		
F1-4-4-CAL. SEQ V PISTONS																		
G1-4-1-CAL. SEQ V PISTONS																		
G1-4-2-CAL. SEQ V PISTONS																		
G1-4-3-CAL. SEQ V PISTONS																		
G1-4-4-CAL. SEQ V PISTONS																		
Q1-8-1-SEQ V PISTONS																		
Q1-8-2-SEQ V PISTONS																		
Q1-8-3-SEQ V PISTONS																		
Q1-8-4-SEQ V PISTONS																		
Q1-8-5-SEQ V PISTONS																		
Q1-8-6-SEQ V PISTONS																		
Q1-8-7-SEQ V PISTONS																		
Q1-8-8-SEQ V PISTONS																		
R1-8-1-SEQ V PISTONS																		
R1-8-2-SEQ V PISTONS																		
R1-8-3-SEQ V PISTONS																		
R1-8-4-SEQ V PISTONS																		
R1-8-5-SEQ V PISTONS																		
R1-8-6-SEQ V PISTONS																		
R1-8-7-SEQ V PISTONS																		
R1-8-8-SEQ V PISTONS																		
S1-8-1-SEQ V PISTONS																		
S1-8-2-SEQ V PISTONS																		
S1-8-3-SEQ V PISTONS																		
S1-8-4-SEQ V PISTONS																		
S1-8-5-SEQ V PISTONS																		
S1-8-6-SEQ V PISTONS																		
S1-8-7-SEQ V PISTONS																		
S1-8-8-SEQ V PISTONS																		
T1-FIELD PISTON																		
U1-FIELD PISTON																		
V1-FIELD PISTON																		
X1-DV4 PISTON																		
Y1-DV4 PISTON																		
Z1-DV4 PISTON																		
MAXIMUM	-0.76	1.91	3.48	2.06	-1.13	2.74	2.45	-1.28	1.47	0.25	0.58	1.69	0.00	-0.34	2.43	1.97		
MINIMUM	-0.02	-0.17	0.16	0.25	-0.49	0.21	1.88	0.00	1.47	0.25	-0.10	1.69	0.00	-0.34	0.59	0.04		
RANGE(MAX-MIN)	-0.740	2.080	3.320	1.810	-0.640	2.530	0.570	-1.280	0.000	0.000	0.680	0.000	0.000	0.000	1.840	1.930		
MEAN	-0.183	-0.116	1.089	1.155	-0.789	0.884	2.165	-0.398	1.470	0.250	0.138	1.690	0.000	-0.340	1.337	0.657		
STANDARD DEVIATION	0.326	0.920	1.300	1.280	0.228	1.621	0.403	0.660	0.000	0.000	0.479	0.000	0.000	0.000	0.968	1.138		

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Rater= Goulais, Ed

YI Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	G1TOT	G2TOT	G3TOT	G4TOT	I2TOT	I3TOT	I4TOT	TGF	USTOT	I1TOT	UCTOT	SGF	TLHC	TLEC	THTOT	ATTOT	OCTOT	PSV
A1-SQUARE CUT																		
A2-KEYSTONE																		
A3-C13-STYLE																		
A4-SQUARE CUT																		
A5-SEQUENCE III																		
A6-ARTICULATED 2-PIECE																		
A7-SEQUENCE III																		
A8-SEQUENCE III																		
B1-SQUARE CUT																		
B2-KEYSTONE																		
B3-C13-STYLE																		
B4-SQUARE CUT																		
B5-SEQUENCE III																		
B6-ARTICULATED 2-PIECE																		
B7-SEQUENCE III																		
B8-SEQUENCE III																		
C1-SQUARE CUT	-0.72	3.23	3.38	3.07	-3.17	3.28	2.95	-0.90										
C2-KEYSTONE	-1.56	-1.92	2.04		-0.54	-0.79		-0.79	1.62	-0.46	1.65	-2.29	-0.27	-0.50				
C3-C13-STYLE	-2.17	-0.39	0.50		-0.25	-1.46	1.90			-2.53								
C4-SQUARE CUT	-0.67	3.30	3.59	2.39	-0.23	2.16	3.41	-1.52										
C5-SEQUENCE III	-1.39	-0.74	2.56		-1.67	-3.23					2.33				1.89	-1.07		
C6-ARTICULATED 2-PIECE	-0.61	2.83	2.22		0.16	2.03	2.52	-1.35		-1.30		0.38	-0.75	-0.61			-0.29	
C7-SEQUENCE III	-0.11	-1.60	1.64		-2.62	-1.69					0.53				-0.04	-0.10		
C8-SEQUENCE III	-1.21	-0.87	2.39		-1.14	-0.90					1.63				-0.73	-0.82		
CAL-A-CALIBRATION PISTON																		
CAL-B-CALIBRATION PISTON																		
CAL-C-CALIBRATION PISTON	1.15	3.87	3.35		0.21	-1.41		2.49										
CAL-D-CALIBRATION PISTON	4.22	3.30	4.75		0.20	-0.79		2.89										
CAL-N-CAL DV4 PISTON	3.08	3.03	0.95		2.71	4.72												
CAL-W-CAL FIELD PISTON	2.19	3.39	4.80		0.98	0.87									0.69	0.23		
E1-4-1-CAL. SEQ V PISTONS																		
E1-4-2-CAL. SEQ V PISTONS																		
E1-4-3-CAL. SEQ V PISTONS																		
E1-4-4-CAL. SEQ V PISTONS																		
F1-4-1-CAL. SEQ V PISTONS																		0.26
F1-4-2-CAL. SEQ V PISTONS																		3.35
F1-4-3-CAL. SEQ V PISTONS																		1.16
F1-4-4-CAL. SEQ V PISTONS																		0.03
G1-4-1-CAL. SEQ V PISTONS																		-0.01
G1-4-2-CAL. SEQ V PISTONS																		-0.43
G1-4-3-CAL. SEQ V PISTONS																		-0.84
G1-4-4-CAL. SEQ V PISTONS																		1.15
Q1-8-1-SEQ V PISTONS																		
Q1-8-2-SEQ V PISTONS																		
Q1-8-3-SEQ V PISTONS																		
Q1-8-4-SEQ V PISTONS																		
Q1-8-5-SEQ V PISTONS																		
Q1-8-6-SEQ V PISTONS																		
Q1-8-7-SEQ V PISTONS																		
Q1-8-8-SEQ V PISTONS																		
R1-8-1-SEQ V PISTONS																		1.30
R1-8-2-SEQ V PISTONS																		1.80
R1-8-3-SEQ V PISTONS																		1.36
R1-8-4-SEQ V PISTONS																		0.01
R1-8-5-SEQ V PISTONS																		1.36
R1-8-6-SEQ V PISTONS																		0.99
R1-8-7-SEQ V PISTONS																		1.46
R1-8-8-SEQ V PISTONS																		1.54
S1-8-1-SEQ V PISTONS																		0.96
S1-8-2-SEQ V PISTONS																		1.37
S1-8-3-SEQ V PISTONS																		1.34
S1-8-4-SEQ V PISTONS																		0.98
S1-8-5-SEQ V PISTONS																		0.77
S1-8-6-SEQ V PISTONS																		0.68
S1-8-7-SEQ V PISTONS																		1.75
S1-8-8-SEQ V PISTONS																		0.86
T1-FIELD PISTON																		
U1-FIELD PISTON	-2.09	-1.40	-1.24		-0.82	-1.00									1.66	-0.83		
V1-FIELD PISTON	-2.34	0.16	-1.65		-1.55	-2.40									1.52	0.05		
X1-DV4 PISTON																		
Y1-DV4 PISTON	-1.70	-1.38	1.86		-1.40	3.63												
Z1-DV4 PISTON	-0.67	-2.59	-1.62		-2.92	-1.65												
MAXIMUM	4.22	3.87	4.80	3.07	-3.17	4.72	3.41	2.89	1.62	-2.53	2.33	-2.29	-0.75	-0.61	1.89	-1.07	-0.29	3.35
MINIMUM	-0.11	0.16	0.50	2.39	0.16	-0.79	1.90	-0.79	1.62	-0.46	0.53	0.38	-0.27	-0.50	-0.04	0.05	-0.29	-0.01
RANGE(MAX-MIN)	4.330	3.710	4.300	0.680	-3.330	5.510	1.510	3.680	0.000	-2.070	1.800	-2.670	-0.480	-0.110	1.930	-1.120	0.000	3.360
MEAN	-0.288	0.764	1.845	2.730	-0.753	0.086	2.695	0.137	1.620	-1.430	1.535	-0.955	-0.510	-0.555	0.832	-0.423	-0.290	0.992
STANDARD DEVIATION	1.952	2.378	2.037	0.481	1.512	2.375	0.643	2.000	0.000	1.041	0.745	1.888	0.339	0.078	1.049	0.547	0.000	0.879

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Rater= Guarda, Waldyr

YI Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	G1IOT	G2TOT	G3IOT	G4IOT	I2TOT	I3IOT	I4IOT	TGF	USTOT	I1TOT	UCTOT	SGF	TLHC	TLEC	THTOT	ATTOT	OCTOT	PSV
A1-SQUARE CUT	2.27	1.22	2.55	3.12	0.15	1.88	1.97	1.71										
A2-KEystone	-2.55	-0.69	0.26		2.04	1.33		-0.98	1.77	-0.07	0.11	-0.98	0.00	-0.43				
A3-C13-STYLE	2.67	2.30	2.52		1.31	0.36	0.62			2.34								
A4-SQUARE CUT	2.83	-0.10	2.29	0.84	1.52	3.46	3.45	3.01										
A5-SEQUENCE III	-0.37	0.63	-0.75		2.38	-2.57					-1.96				0.46	2.33		
A6-ARTICULATED 2-PIECE	1.70	-1.17	-0.02		1.09	-0.07	1.62	1.34		0.37		0.71	0.11	0.48			-1.10	
A7-SEQUENCE III	-0.95	0.46	1.55		-0.50	-0.09					-0.85				0.82	2.67		
A8-SEQUENCE III	0.36	1.28	0.15		-0.47	-1.99					0.67				0.66	2.59		
B1-SQUARE CUT																		
B2-KEYSTONE																		
B3-C13-STYLE																		
B4-SQUARE CUT																		
B5-SEQUENCE III																		
B6-ARTICULATED 2-PIECE																		
B7-SEQUENCE III																		
B8-SEQUENCE III																		
C1-SQUARE CUT																		
C2-KEYSTONE																		
C3-C13-STYLE																		
C4-SQUARE CUT																		
C5-SEQUENCE III																		
C6-ARTICULATED 2-PIECE																		
C7-SEQUENCE III																		
C8-SEQUENCE III																		
CAL-A-CALIBRATION PISTON	0.97	0.23	-1.30		0.61	-0.06		-0.06										
CAL-B-CALIBRATION PISTON	1.04	0.22	-1.05		2.55	-2.59		0.59										
CAL-C-CALIBRATION PISTON																		
CAL-D-CALIBRATION PISTON																		
CAL-N-CAL DV4 PISTON	2.34	0.52	-0.28		0.27	1.05												
CAL-W-CAL FIELD PISTON	-0.63	0.21	0.21		0.46	-0.12									0.10	0.95		
E1-4-1-CAL. SEQ V PISTONS																		-1.05
E1-4-2-CAL. SEQ V PISTONS																		-0.60
E1-4-3-CAL. SEQ V PISTONS																		-0.43
E1-4-4-CAL. SEQ V PISTONS																		-1.05
F1-4-1-CAL. SEQ V PISTONS																		-1.08
F1-4-2-CAL. SEQ V PISTONS																		-0.59
F1-4-3-CAL. SEQ V PISTONS																		-0.53
F1-4-4-CAL. SEQ V PISTONS																		-0.10
G1-4-1-CAL. SEQ V PISTONS																		
G1-4-2-CAL. SEQ V PISTONS																		
G1-4-3-CAL. SEQ V PISTONS																		
G1-4-4-CAL. SEQ V PISTONS																		
Q1-8-1-SEQ V PISTONS																		-0.44
Q1-8-2-SEQ V PISTONS																		-0.40
Q1-8-3-SEQ V PISTONS																		-0.61
Q1-8-4-SEQ V PISTONS																		-0.74
Q1-8-5-SEQ V PISTONS																		-0.72
Q1-8-6-SEQ V PISTONS																		-1.04
Q1-8-7-SEQ V PISTONS																		-1.30
Q1-8-8-SEQ V PISTONS																		-0.77
R1-8-1-SEQ V PISTONS																		-0.74
R1-8-2-SEQ V PISTONS																		-0.87
R1-8-3-SEQ V PISTONS																		-1.06
R1-8-4-SEQ V PISTONS																		-0.45
R1-8-5-SEQ V PISTONS																		-0.86
R1-8-6-SEQ V PISTONS																		-0.84
R1-8-7-SEQ V PISTONS																		-1.14
R1-8-8-SEQ V PISTONS																		-1.42
S1-8-1-SEQ V PISTONS																		
S1-8-2-SEQ V PISTONS																		
S1-8-3-SEQ V PISTONS																		
S1-8-4-SEQ V PISTONS																		
S1-8-5-SEQ V PISTONS																		
S1-8-6-SEQ V PISTONS																		
S1-8-7-SEQ V PISTONS																		
S1-8-8-SEQ V PISTONS																		
T1-FIELD PISTON	-0.67	-1.46	-0.19		0.94	-1.65									0.01	0.02		
U1-FIELD PISTON	-0.71	0.00	-1.04		0.54	-0.30									-0.82	-1.07		
V1-FIELD PISTON	-0.13	0.16	-0.42		1.75	0.77									-1.33	-1.31		
X1-DV4 PISTON	-0.07	1.74	2.05		0.56	1.60												
Y1-DV4 PISTON	3.04	0.71	-0.01		0.96	0.01												
Z1-DV4 PISTON	2.47	1.21	0.20		1.18	0.97												
MAXIMUM	3.04	2.30	2.55	3.12	2.55	3.46	3.45	3.01	1.77	2.34	-1.96	-0.98	0.11	0.48	-1.33	2.67	-1.10	-1.42
MINIMUM	-0.07	0.00	-0.01	0.84	0.15	0.01	0.62	-0.06	1.77	-0.07	0.11	0.71	0.00	-0.43	0.01	0.02	-1.10	-0.10
RANGE(MAX-MIN)	3.110	2.300	2.560	2.280	2.400	3.450	2.830	3.070	0.000	2.410	-2.070	-1.690	0.110	0.910	-1.340	2.650	0.000	-1.320
MEAN	0.756	0.415	0.373	1.980	0.963	0.111	1.915	0.935	1.770	0.880	-0.508	-0.135	0.055	0.025	-0.014	0.883	-1.100	-0.785
STANDARD DEVIATION	1.623	0.950	1.262	1.612	0.870	1.581	1.172	1.403	0.000	1.283	1.154	1.195	0.078	0.643	0.793	1.711	0.000	0.318

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Rater= Guo, Feng

YI Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	G1TOT	G2TOT	G3TOT	G4TOT	I2TOT	I3TOT	I4TOT	TGF	USTOT	I1TOT	UCTOT	SGF	TLHC	TLEC	THTOT	ATTOT	OCTOT	PSV
A1-SQUARE CUT																		
A2-KEYSTONE																		
A3-C13-STYLE																		
A4-SQUARE CUT																		
A5-SEQUENCE III																		
A6-ARTICULATED 2-PIECE																		
A7-SEQUENCE III																		
A8-SEQUENCE III																		
B1-SQUARE CUT	0.14	1.01	-0.45	1.15	-1.00	0.54	0.30	0.54										
B2-KEYSTONE	-0.24	1.20	-0.39		-0.55	0.03		0.72	-0.85	-0.11	0.16	1.22	0.00	1.49				
B3-C13-STYLE	-0.24	-0.20	-0.51		-0.58	-0.80	-1.39			-0.19								
B4-SQUARE CUT	0.08	0.37	0.08	0.05	-0.97	1.57	1.88	0.04										
B5-SEQUENCE III	-0.22	-0.16	0.61		-0.13	0.74					0.01				-0.70	-0.43		
B6-ARTICULATED 2-PIECE	0.90	-0.24	0.03		-0.46	-0.92	-1.25	-0.23		-0.94		-0.35	-0.85	-0.17			0.32	
B7-SEQUENCE III	-0.62	-0.37	-0.78		-0.56	-0.91					-0.29				-0.27	-0.46		
B8-SEQUENCE III	-1.09	-0.69	-0.26		-0.47	-0.46					1.35				-1.73	-0.62		
C1-SQUARE CUT																		
C2-KEYSTONE																		
C3-C13-STYLE																		
C4-SQUARE CUT																		
C5-SEQUENCE III																		
C6-ARTICULATED 2-PIECE																		
C7-SEQUENCE III																		
C8-SEQUENCE III																		
CAL-A-CALIBRATION PISTON	0.13	-0.66	1.89		-0.58	1.28		-0.25										
CAL-B-CALIBRATION PISTON																		
CAL-C-CALIBRATION PISTON	-0.03	0.13	-0.31		-0.42	-0.19		-0.41										
CAL-D-CALIBRATION PISTON																		
CAL-N-CAL DV4 PISTON																		
CAL-W-CAL FIELD PISTON																		
E1-4-1-CAL. SEQ V PISTONS																		
E1-4-2-CAL. SEQ V PISTONS																		
E1-4-3-CAL. SEQ V PISTONS																		
E1-4-4-CAL. SEQ V PISTONS																		
F1-4-1-CAL. SEQ V PISTONS																		
F1-4-2-CAL. SEQ V PISTONS																		
F1-4-3-CAL. SEQ V PISTONS																		
F1-4-4-CAL. SEQ V PISTONS																		
G1-4-1-CAL. SEQ V PISTONS																		
G1-4-2-CAL. SEQ V PISTONS																		
G1-4-3-CAL. SEQ V PISTONS																		
G1-4-4-CAL. SEQ V PISTONS																		
Q1-8-1-SEQ V PISTONS																		
Q1-8-2-SEQ V PISTONS																		
Q1-8-3-SEQ V PISTONS																		
Q1-8-4-SEQ V PISTONS																		
Q1-8-5-SEQ V PISTONS																		
Q1-8-6-SEQ V PISTONS																		
Q1-8-7-SEQ V PISTONS																		
Q1-8-8-SEQ V PISTONS																		
R1-8-1-SEQ V PISTONS																		
R1-8-2-SEQ V PISTONS																		
R1-8-3-SEQ V PISTONS																		
R1-8-4-SEQ V PISTONS																		
R1-8-5-SEQ V PISTONS																		
R1-8-6-SEQ V PISTONS																		
R1-8-7-SEQ V PISTONS																		
R1-8-8-SEQ V PISTONS																		
S1-8-1-SEQ V PISTONS																		
S1-8-2-SEQ V PISTONS																		
S1-8-3-SEQ V PISTONS																		
S1-8-4-SEQ V PISTONS																		
S1-8-5-SEQ V PISTONS																		
S1-8-6-SEQ V PISTONS																		
S1-8-7-SEQ V PISTONS																		
S1-8-8-SEQ V PISTONS																		
T1-FIELD PISTON																		
U1-FIELD PISTON																		
V1-FIELD PISTON																		
X1-DV4 PISTON																		
Y1-DV4 PISTON																		
Z1-DV4 PISTON																		
MAXIMUM	-1.09	1.20	1.89	1.15	-1.00	1.57	1.88	0.72	-0.85	-0.94	1.35	1.22	-0.85	1.49	-1.73	-0.62	0.32	
MINIMUM	-0.03	0.13	0.03	0.05	-0.13	0.03	0.30	0.04	-0.85	-0.11	0.01	-0.35	0.00	-0.17	-0.27	-0.43	0.32	
RANGE(MAX-MIN)	-1.060	1.070	1.860	1.100	-0.870	1.540	1.580	0.680	0.000	-0.830	1.340	1.570	-0.850	1.660	-1.460	-0.190	0.000	
MEAN	-0.119	0.039	-0.009	0.600	-0.572	0.088	-0.115	0.068	-0.850	-0.413	0.308	0.435	-0.425	0.660	-0.900	-0.503	0.320	
STANDARD DEVIATION	0.522	0.647	0.770	0.778	0.255	0.908	1.535	0.462	0.000	0.458	0.720	1.110	0.601	1.174	0.750	0.102	0.000	

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Rater= Hill, Howard P.

YI Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	G1TOT	G2TOT	G3TOT	G4TOT	I2TOT	I3TOT	I4TOT	TGF	USTOT	I1TOT	UCTOT	SGF	TLHC	TLEC	THTOT	ATTOT	OCTOT	PSV
A1-SQUARE CUT																		
A2-KEYSTONE																		
A3-C13-STYLE																		
A4-SQUARE CUT																		
A5-SEQUENCE III																		
A6-ARTICULATED 2-PIECE																		
A7-SEQUENCE III																		
A8-SEQUENCE III																		
B1-SQUARE CUT																		
B2-KEYSTONE																		
B3-C13-STYLE																		
B4-SQUARE CUT																		
B5-SEQUENCE III																		
B6-ARTICULATED 2-PIECE																		
B7-SEQUENCE III																		
B8-SEQUENCE III																		
C1-SQUARE CUT	0.07	0.02	-0.63	-0.71	1.05	-0.44	-0.17	-0.10										
C2-KEYSTONE	-0.19	-0.88	0.69		-0.48	-0.10		-0.20	1.62	0.01	-0.77	-0.64	-0.27	-0.50				
C3-C13-STYLE	-0.17	0.58	0.97		-0.53	1.36	1.15			-0.59								
C4-SQUARE CUT	0.79	-0.37	-0.49	-0.74	-0.04	-1.24	-0.81	0.31										
C5-SEQUENCE III	-0.42	-0.22	-1.17		0.43	-0.03					0.67				-0.48	-0.94		
C6-ARTICULATED 2-PIECE	0.40	-0.46	-0.21		-0.10	0.60	-0.08	0.79		1.23		-0.15	1.18	-0.50			1.34	
C7-SEQUENCE III	-1.07	-0.44	-0.33		0.61	-0.55					2.41				-0.13	-0.79		
C8-SEQUENCE III	0.83	-0.38	-0.85		-0.11	-0.26					0.17				-0.55	-0.29		
CAL-A-CALIBRATION PISTON	0.57	1.09	-0.77		-0.11	0.47		0.51										
CAL-B-CALIBRATION PISTON																		
CAL-C-CALIBRATION PISTON																		
CAL-D-CALIBRATION PISTON	-0.10	-0.42	-0.25		-0.15	0.23		0.05										
CAL-N-CAL DV4 PISTON	1.63	-1.13	-0.32		-0.49	-0.45												
CAL-W-CAL FIELD PISTON	-0.60	-0.04	-0.19		-0.09	-0.65									0.39	0.41		
E1-4-1-CAL. SEQ V PISTONS																		
E1-4-2-CAL. SEQ V PISTONS																		
E1-4-3-CAL. SEQ V PISTONS																		
E1-4-4-CAL. SEQ V PISTONS																		
F1-4-1-CAL. SEQ V PISTONS																		
F1-4-2-CAL. SEQ V PISTONS																		
F1-4-3-CAL. SEQ V PISTONS																		
F1-4-4-CAL. SEQ V PISTONS																		
G1-4-1-CAL. SEQ V PISTONS																		
G1-4-2-CAL. SEQ V PISTONS																		
G1-4-3-CAL. SEQ V PISTONS																		
G1-4-4-CAL. SEQ V PISTONS																		
Q1-8-1-SEQ V PISTONS																		
Q1-8-2-SEQ V PISTONS																		
Q1-8-3-SEQ V PISTONS																		
Q1-8-4-SEQ V PISTONS																		
Q1-8-5-SEQ V PISTONS																		
Q1-8-6-SEQ V PISTONS																		
Q1-8-7-SEQ V PISTONS																		
Q1-8-8-SEQ V PISTONS																		
R1-8-1-SEQ V PISTONS																		-1.28
R1-8-2-SEQ V PISTONS																		-1.57
R1-8-3-SEQ V PISTONS																		-1.72
R1-8-4-SEQ V PISTONS																		-1.69
R1-8-5-SEQ V PISTONS																		-1.10
R1-8-6-SEQ V PISTONS																		-1.20
R1-8-7-SEQ V PISTONS																		-1.67
R1-8-8-SEQ V PISTONS																		-1.38
S1-8-1-SEQ V PISTONS																		-1.34
S1-8-2-SEQ V PISTONS																		-1.62
S1-8-3-SEQ V PISTONS																		-1.27
S1-8-4-SEQ V PISTONS																		-1.32
S1-8-5-SEQ V PISTONS																		-1.37
S1-8-6-SEQ V PISTONS																		-1.80
S1-8-7-SEQ V PISTONS																		-1.66
S1-8-8-SEQ V PISTONS																		-1.39
T1-FIELD PISTON																		
U1-FIELD PISTON	0.74	0.34	-0.08		0.17	-0.43									0.79	-0.59		
V1-FIELD PISTON	0.33	0.56	0.53		1.12	-0.42									0.79	-0.33		
X1-DV4 PISTON																		
Y1-DV4 PISTON	0.19	-0.24	-0.10		0.16	-0.35												
Z1-DV4 PISTON	-0.42	-0.54	-0.26		-0.31	-0.97												
MAXIMUM	1.63	-1.13	-1.17		1.12	1.36	1.15	0.79	1.62	1.23	2.41	-0.64	1.18	-0.50	0.79	-0.94	1.34	-1.80
MINIMUM	0.07	0.02	-0.08	-0.71	-0.04	-0.03	-0.08	0.05	1.62	0.01	0.17	-0.15	-0.27	-0.50	-0.13	-0.29	1.34	-1.10
RANGE(MAX-MIN)	1.560	-1.150	-1.090	-0.030	1.160	1.390	1.230	0.740	0.000	1.220	2.240	-0.490	1.450	0.000	0.920	-0.650	0.000	-0.700
MEAN	0.161	-0.158	-0.216	-0.725	0.071	-0.202	0.023	0.227	1.620	0.217	0.620	-0.395	0.455	-0.500	0.135	-0.422	1.340	-1.461
STANDARD DEVIATION	0.667	0.570	0.560	0.021	0.503	0.632	0.819	0.381	0.000	0.927	1.334	0.346	1.025	0.000	0.607	0.480	0.000	0.212

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Rater= Hodgson, Joshua

YI Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	G1TOT	G2TOT	G3TOT	G4TOT	I2TOT	I3TOT	I4TOT	TGF	USTOT	I1TOT	UCTOT	SGF	TLHC	TLEC	THTOT	ATTOT	OCTOT	PSV
A1-SQUARE CUT	1.56	1.39	-0.53	-0.32	1.98	-0.65	-0.65	1.01										
A2-KEystone	0.97	0.94	-0.44		1.41	0.00		0.29	-0.10	-0.54	0.11	1.39	0.00	-0.43				
A3-C13-STYLE	1.11	-0.09	-0.85		1.03	-0.20	-0.12			-0.51								
A4-SQUARE CUT	1.18	-0.84	-1.28	-0.54	-0.64	-0.85	-0.88	0.11										
A5-SEQUENCE III	1.50	1.89	-0.17		0.75	-0.41					-0.27				0.70	0.70		
A6-ARTICULATED 2-PIECE	1.56	-0.36	-0.09		1.18	-0.91	-1.24	2.18		1.75		0.71	1.91	3.14			0.01	
A7-SEQUENCE III	0.59	2.70	0.04		1.41	-2.18					-1.36				0.62	-1.07		
A8-SEQUENCE III	1.07	2.61	-0.77		3.21	-1.49					-1.24				0.61	-1.48		
B1-SQUARE CUT																		
B2-KEYSTONE																		
B3-C13-STYLE																		
B4-SQUARE CUT																		
B5-SEQUENCE III																		
B6-ARTICULATED 2-PIECE																		
B7-SEQUENCE III																		
B8-SEQUENCE III																		
C1-SQUARE CUT																		
C2-KEYSTONE																		
C3-C13-STYLE																		
C4-SQUARE CUT																		
C5-SEQUENCE III																		
C6-ARTICULATED 2-PIECE																		
C7-SEQUENCE III																		
C8-SEQUENCE III																		
CAL-A-CALIBRATION PISTON																		
CAL-B-CALIBRATION PISTON	0.78	-1.10	-0.54		-0.40	-0.51		-1.11										
CAL-C-CALIBRATION PISTON	-0.55	0.30	-0.58		-0.17	0.06		-0.41										
CAL-D-CALIBRATION PISTON																		
CAL-N-CAL DV4 PISTON	1.02	0.09	-0.34		1.30	-0.50												
CAL-W-CAL FIELD PISTON	-0.60	-0.04	-0.19		-0.09	-0.65									-1.10	0.06		
E1-4-1-CAL. SEQ V PISTONS																		
E1-4-2-CAL. SEQ V PISTONS																		
E1-4-3-CAL. SEQ V PISTONS																		
E1-4-4-CAL. SEQ V PISTONS																		
F1-4-1-CAL. SEQ V PISTONS																		-1.41
F1-4-2-CAL. SEQ V PISTONS																		-0.95
F1-4-3-CAL. SEQ V PISTONS																		-1.06
F1-4-4-CAL. SEQ V PISTONS																		-0.74
G1-4-1-CAL. SEQ V PISTONS																		
G1-4-2-CAL. SEQ V PISTONS																		
G1-4-3-CAL. SEQ V PISTONS																		
G1-4-4-CAL. SEQ V PISTONS																		
Q1-8-1-SEQ V PISTONS																		
Q1-8-2-SEQ V PISTONS																		
Q1-8-3-SEQ V PISTONS																		
Q1-8-4-SEQ V PISTONS																		
Q1-8-5-SEQ V PISTONS																		
Q1-8-6-SEQ V PISTONS																		
Q1-8-7-SEQ V PISTONS																		
Q1-8-8-SEQ V PISTONS																		
R1-8-1-SEQ V PISTONS																		
R1-8-2-SEQ V PISTONS																		
R1-8-3-SEQ V PISTONS																		
R1-8-4-SEQ V PISTONS																		
R1-8-5-SEQ V PISTONS																		
R1-8-6-SEQ V PISTONS																		
R1-8-7-SEQ V PISTONS																		
R1-8-8-SEQ V PISTONS																		
S1-8-1-SEQ V PISTONS																		
S1-8-2-SEQ V PISTONS																		
S1-8-3-SEQ V PISTONS																		
S1-8-4-SEQ V PISTONS																		
S1-8-5-SEQ V PISTONS																		
S1-8-6-SEQ V PISTONS																		
S1-8-7-SEQ V PISTONS																		
S1-8-8-SEQ V PISTONS																		
T1-FIELD PISTON																		
U1-FIELD PISTON																		
V1-FIELD PISTON																		
X1-DV4 PISTON																		
Y1-DV4 PISTON																		
Z1-DV4 PISTON																		
MAXIMUM	1.56	2.70	-1.28	-0.54	3.21	-2.18	-1.24	2.18	-0.10	1.75	-1.36	1.39	1.91	3.14	-1.10	-1.48	0.01	-1.41
MINIMUM	-0.55	-0.04	0.04	-0.32	-0.09	0.00	-0.12	0.11	-0.10	-0.51	0.11	0.71	0.00	-0.43	0.61	0.06	0.01	-0.74
RANGE(MAX-MIN)	2.110	2.740	-1.320	-0.220	3.300	-2.180	-1.120	2.070	0.000	2.260	-1.470	0.680	1.910	3.570	-1.710	-1.540	0.000	-0.670
MEAN	0.849	0.624	-0.478	-0.430	0.914	-0.691	-0.723	0.345	-0.100	0.233	-0.690	1.050	0.955	1.355	0.208	-0.448	0.010	-1.040
STANDARD DEVIATION	0.728	1.278	0.369	0.156	1.107	0.630	0.469	1.145	0.000	1.314	0.723	0.481	1.351	2.524	0.873	1.005	0.000	0.280

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Rater= Hurst, Kevin R.

YI Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	G1TOT	G2TOT	G3TOT	G4TOT	I2TOT	I3TOT	I4TOT	TGF	USTOT	I1TOT	UCTOT	SGF	TLHC	TLEC	THTOT	ATTOT	OCTOT	PSV
A1-SQUARE CUT	-0.62	-0.03	0.72	0.69	1.08	-0.43	0.09	-0.62										
A2-KEYSTONE																		
A3-C13-STYLE																		
A4-SQUARE CUT																		
A5-SEQUENCE III	-0.04	-0.20	-0.65		-1.19	1.18					0.98				-1.04	-0.38		
A6-ARTICULATED 2-PIECE																		
A7-SEQUENCE III																		
A8-SEQUENCE III																		
B1-SQUARE CUT	0.25	-0.24	-0.45	-0.25	1.89	-0.51	-0.51	-0.14										
B2-KEYSTONE	0.78	-0.92	0.31		0.61	0.98		0.72	0.51	1.08	0.31	-0.80	0.00	-0.34				
B3-C13-STYLE	-0.04	0.54	0.98		-0.51	0.38	-0.02			0.21								
B4-SQUARE CUT	-0.04	0.42	0.08	0.30	0.54	-0.17	-0.23	0.19										
B5-SEQUENCE III	-0.22	-0.23	-0.32		-0.70	0.36					0.41				-0.65	-0.38		
B6-ARTICULATED 2-PIECE	0.51	0.20	0.76		0.21	-0.49	0.27	0.50		-0.37		0.93	-0.49	-0.84			-0.44	
B7-SEQUENCE III	0.46	1.73	-0.63		-0.29	0.41					-0.25				-0.54	-0.46		
B8-SEQUENCE III	0.37	-0.59	0.46		-0.40	-0.07					0.77				-1.16	-0.62		
C1-SQUARE CUT																		
C2-KEYSTONE																		
C3-C13-STYLE																		
C4-SQUARE CUT																		
C5-SEQUENCE III																		
C6-ARTICULATED 2-PIECE																		
C7-SEQUENCE III																		
C8-SEQUENCE III																		
CAL-A-CALIBRATION PISTON																		
CAL-B-CALIBRATION PISTON	0.63	0.10	0.63		-0.63	0.52		0.59										
CAL-C-CALIBRATION PISTON																		
CAL-D-CALIBRATION PISTON	0.16	0.94	-0.28		-0.62	0.08		-1.25										
CAL-N-CAL DV4 PISTON	-0.01	-0.59	-0.27		0.27	-0.33												
CAL-W-CAL FIELD PISTON	0.04	-0.35	0.31		-0.45	-0.23									0.65	1.03		
E1-4-1-CAL. SEQ V PISTONS																		-0.01
E1-4-2-CAL. SEQ V PISTONS																		0.05
E1-4-3-CAL. SEQ V PISTONS																		-0.59
E1-4-4-CAL. SEQ V PISTONS																		0.72
F1-4-1-CAL. SEQ V PISTONS																		
F1-4-2-CAL. SEQ V PISTONS																		
F1-4-3-CAL. SEQ V PISTONS																		
F1-4-4-CAL. SEQ V PISTONS																		
G1-4-1-CAL. SEQ V PISTONS																		-0.19
G1-4-2-CAL. SEQ V PISTONS																		-0.09
G1-4-3-CAL. SEQ V PISTONS																		-0.17
G1-4-4-CAL. SEQ V PISTONS																		-0.64
Q1-8-1-SEQ V PISTONS																		-0.48
Q1-8-2-SEQ V PISTONS																		-0.37
Q1-8-3-SEQ V PISTONS																		-0.53
Q1-8-4-SEQ V PISTONS																		-0.44
Q1-8-5-SEQ V PISTONS																		-0.31
Q1-8-6-SEQ V PISTONS																		-0.53
Q1-8-7-SEQ V PISTONS																		-0.43
Q1-8-8-SEQ V PISTONS																		-0.28
R1-8-1-SEQ V PISTONS																		
R1-8-2-SEQ V PISTONS																		
R1-8-3-SEQ V PISTONS																		
R1-8-4-SEQ V PISTONS																		
R1-8-5-SEQ V PISTONS																		
R1-8-6-SEQ V PISTONS																		
R1-8-7-SEQ V PISTONS																		
R1-8-8-SEQ V PISTONS																		
S1-8-1-SEQ V PISTONS																		-0.62
S1-8-2-SEQ V PISTONS																		-0.30
S1-8-3-SEQ V PISTONS																		-0.66
S1-8-4-SEQ V PISTONS																		-0.44
S1-8-5-SEQ V PISTONS																		-0.55
S1-8-6-SEQ V PISTONS																		-0.66
S1-8-7-SEQ V PISTONS																		-0.43
S1-8-8-SEQ V PISTONS																		-0.67
T1-FIELD PISTON	0.13	-0.67	-0.61		-0.38	0.37									0.35	1.18		
U1-FIELD PISTON																		
V1-FIELD PISTON	0.26	0.16	0.05		-0.63	0.16									0.81	0.33		
X1-DV4 PISTON	-0.07	0.18	1.38		2.06	2.56												
Y1-DV4 PISTON																		
Z1-DV4 PISTON	-0.15	0.65	0.09		0.97	0.49												
MAXIMUM	0.78	1.73	1.38	0.69	2.06	2.56	-0.51	-1.25	0.51	1.08	0.98	0.93	-0.49	-0.84	-1.16	1.18	-0.44	0.72
MINIMUM	-0.01	-0.03	0.05	-0.25	0.21	-0.07	-0.02	-0.14	0.51	0.21	-0.25	-0.80	0.00	-0.34	0.35	0.33	-0.44	-0.01
RANGE(MAX-MIN)	0.790	1.760	1.330	0.940	1.850	2.630	-0.490	-1.110	0.000	0.870	1.230	1.730	-0.490	-0.500	-1.510	0.850	0.000	0.730
MEAN	0.133	0.061	0.142	0.247	0.102	0.292	-0.080	-0.001	0.510	0.307	0.444	0.065	-0.245	-0.590	-0.226	0.100	-0.440	-0.359
STANDARD DEVIATION	0.337	0.645	0.597	0.472	0.922	0.742	0.301	0.721	0.000	0.730	0.473	1.223	0.346	0.354	0.815	0.750	0.000	0.310

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Rater= Kawarasaki, Ikuyasu

YI Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	G1TOT	G2TOT	G3TOT	G4TOT	I2TOT	I3TOT	I4TOT	TGF	USTOT	I1TOT	UCTOT	SGF	TLHC	TLEC	THTOT	ATTOT	OCTOT	PSV
A1-SQUARE CUT																		
A2-KEYSTONE																		
A3-C13-STYLE																		
A4-SQUARE CUT																		
A5-SEQUENCE III																		
A6-ARTICULATED 2-PIECE																		
A7-SEQUENCE III																		
A8-SEQUENCE III																		
B1-SQUARE CUT																		
B2-KEYSTONE																		
B3-C13-STYLE																		
B4-SQUARE CUT																		
B5-SEQUENCE III																		
B6-ARTICULATED 2-PIECE																		
B7-SEQUENCE III																		
B8-SEQUENCE III																		
C1-SQUARE CUT	-0.27	0.10	0.35	0.50	0.14	0.98	0.55	-0.02										
C2-KEYSTONE																		
C3-C13-STYLE	0.84	-0.65	-1.32		0.52	-0.50	-0.75			0.68								
C4-SQUARE CUT	-1.30	0.03	-0.12	0.27	0.38	1.56	-0.23	-0.52										
C5-SEQUENCE III	-0.47	-0.17	0.08		-0.50	-0.07					-0.56				-0.48	1.87		
C6-ARTICULATED 2-PIECE																		
C7-SEQUENCE III	1.08	-0.20	-2.00		-0.69	0.92					-1.10				-0.80	0.02		
C8-SEQUENCE III																		
CAL-A-CALIBRATION PISTON																		
CAL-B-CALIBRATION PISTON																		
CAL-C-CALIBRATION PISTON	-0.63	1.42	-0.08		0.13	-0.40		-1.09										
CAL-D-CALIBRATION PISTON	-0.23	0.16	-0.38		-0.72	-1.13		0.88										
CAL-N-CAL DV4 PISTON																		
CAL-W-CAL FIELD PISTON																		
E1-4-1-CAL. SEQ V PISTONS																		
E1-4-2-CAL. SEQ V PISTONS																		
E1-4-3-CAL. SEQ V PISTONS																		
E1-4-4-CAL. SEQ V PISTONS																		
F1-4-1-CAL. SEQ V PISTONS																		
F1-4-2-CAL. SEQ V PISTONS																		
F1-4-3-CAL. SEQ V PISTONS																		
F1-4-4-CAL. SEQ V PISTONS																		
G1-4-1-CAL. SEQ V PISTONS																		
G1-4-2-CAL. SEQ V PISTONS																		
G1-4-3-CAL. SEQ V PISTONS																		
G1-4-4-CAL. SEQ V PISTONS																		
Q1-8-1-SEQ V PISTONS																		
Q1-8-2-SEQ V PISTONS																		
Q1-8-3-SEQ V PISTONS																		
Q1-8-4-SEQ V PISTONS																		
Q1-8-5-SEQ V PISTONS																		
Q1-8-6-SEQ V PISTONS																		
Q1-8-7-SEQ V PISTONS																		
Q1-8-8-SEQ V PISTONS																		
R1-8-1-SEQ V PISTONS																		
R1-8-2-SEQ V PISTONS																		
R1-8-3-SEQ V PISTONS																		
R1-8-4-SEQ V PISTONS																		
R1-8-5-SEQ V PISTONS																		
R1-8-6-SEQ V PISTONS																		
R1-8-7-SEQ V PISTONS																		
R1-8-8-SEQ V PISTONS																		
S1-8-1-SEQ V PISTONS																		
S1-8-2-SEQ V PISTONS																		
S1-8-3-SEQ V PISTONS																		
S1-8-4-SEQ V PISTONS																		
S1-8-5-SEQ V PISTONS																		
S1-8-6-SEQ V PISTONS																		
S1-8-7-SEQ V PISTONS																		
S1-8-8-SEQ V PISTONS																		
T1-FIELD PISTON																		
U1-FIELD PISTON																		
V1-FIELD PISTON																		
X1-DV4 PISTON																		
Y1-DV4 PISTON																		
Z1-DV4 PISTON																		
MAXIMUM	-1.30	1.42	-2.00	0.50	-0.72	1.56	-0.75	-1.09		0.68	-1.10				-0.80	1.87		
MINIMUM	-0.23	0.03	0.08	0.27	0.13	-0.07	-0.23	-0.02		0.68	-0.56				-0.48	0.02		
RANGE(MAX-MIN)	-1.070	1.390	-2.080	0.230	-0.850	1.630	-0.520	-1.070		0.000	-0.540				-0.320	1.850		
MEAN	-0.140	0.099	-0.496	0.385	-0.106	0.194	-0.143	-0.188		0.680	-0.830				-0.640	0.945		
STANDARD DEVIATION	0.834	0.642	0.848	0.163	0.519	0.972	0.654	0.835		0.000	0.382				0.226	1.308		

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Rater= King, Jennifer

YI Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	G1TOT	G2TOT	G3TOT	G4TOT	I2TOT	I3TOT	I4TOT	TGF	USTOT	I1TOT	UCTOT	SGF	TLHC	TLEC	THTOT	ATTOT	OCTOT	PSV
A1-SQUARE CUT	-0.97	-2.03	-0.24	-0.12	-2.25	0.75	1.63	1.24										
A2-KEYSTONE	1.31	-1.23	-1.17		-1.08	-0.23		0.72	-0.85	-0.97	-1.07	-1.66	0.00	-0.43				
A3-C13-STYLE	0.26	-0.71	0.47		-0.12	-0.11	1.04			-0.45								
A4-SQUARE CUT	0.34	0.57	0.39	-0.15		-0.40	0.38	1.61										
A5-SEQUENCE III	0.19	-0.34	1.20		-0.40	0.30					-0.16				-0.81	0.59		
A6-ARTICULATED 2-PIECE	-0.30	0.21	0.68		0.57	-0.16	0.83	-0.33		-0.67		0.00	-1.53	-0.41			0.29	
A7-SEQUENCE III	1.03	-0.29	-0.77		-1.70	0.25					0.11				-1.07	0.37		
A8-SEQUENCE III	0.58	-0.19	0.92		-0.36	1.04					-0.36				-0.94	0.94		
B1-SQUARE CUT																		
B2-KEYSTONE																		
B3-C13-STYLE																		
B4-SQUARE CUT																		
B5-SEQUENCE III																		
B6-ARTICULATED 2-PIECE																		
B7-SEQUENCE III																		
B8-SEQUENCE III																		
C1-SQUARE CUT																		
C2-KEYSTONE																		
C3-C13-STYLE																		
C4-SQUARE CUT																		
C5-SEQUENCE III																		
C6-ARTICULATED 2-PIECE																		
C7-SEQUENCE III																		
C8-SEQUENCE III																		
CAL-A-CALIBRATION PISTON	0.19	0.10	0.82		1.33	0.22		-2.34										
CAL-B-CALIBRATION PISTON	-0.10	0.86	0.63		1.61	-0.57		-0.26										
CAL-C-CALIBRATION PISTON																		
CAL-D-CALIBRATION PISTON																		
CAL-N-CAL DV4 PISTON	-0.71	2.90	-0.33		-0.17	0.85												
CAL-W-CAL FIELD PISTON	-0.54	-0.21	0.04		-0.07	-0.33								4.05	0.62			
E1-4-1-CAL. SEQ V PISTONS																		1.40
E1-4-2-CAL. SEQ V PISTONS																		0.40
E1-4-3-CAL. SEQ V PISTONS																		-0.11
E1-4-4-CAL. SEQ V PISTONS																		-0.12
F1-4-1-CAL. SEQ V PISTONS																		0.35
F1-4-2-CAL. SEQ V PISTONS																		-0.41
F1-4-3-CAL. SEQ V PISTONS																		-0.70
F1-4-4-CAL. SEQ V PISTONS																		-1.18
G1-4-1-CAL. SEQ V PISTONS																		
G1-4-2-CAL. SEQ V PISTONS																		
G1-4-3-CAL. SEQ V PISTONS																		
G1-4-4-CAL. SEQ V PISTONS																		
Q1-8-1-SEQ V PISTONS																		-0.32
Q1-8-2-SEQ V PISTONS																		-0.55
Q1-8-3-SEQ V PISTONS																		-1.14
Q1-8-4-SEQ V PISTONS																		-0.78
Q1-8-5-SEQ V PISTONS																		-0.20
Q1-8-6-SEQ V PISTONS																		-0.65
Q1-8-7-SEQ V PISTONS																		-0.94
Q1-8-8-SEQ V PISTONS																		-0.74
R1-8-1-SEQ V PISTONS																		-0.58
R1-8-2-SEQ V PISTONS																		-0.66
R1-8-3-SEQ V PISTONS																		-1.01
R1-8-4-SEQ V PISTONS																		-1.01
R1-8-5-SEQ V PISTONS																		-0.32
R1-8-6-SEQ V PISTONS																		-0.65
R1-8-7-SEQ V PISTONS																		-0.96
R1-8-8-SEQ V PISTONS																		-0.55
S1-8-1-SEQ V PISTONS																		-0.45
S1-8-2-SEQ V PISTONS																		-0.68
S1-8-3-SEQ V PISTONS																		-0.57
S1-8-4-SEQ V PISTONS																		-0.44
S1-8-5-SEQ V PISTONS																		-0.49
S1-8-6-SEQ V PISTONS																		-0.62
S1-8-7-SEQ V PISTONS																		-0.63
S1-8-8-SEQ V PISTONS																		-0.58
T1-FIELD PISTON																		
U1-FIELD PISTON																		
V1-FIELD PISTON																		
X1-DV4 PISTON																		
Y1-DV4 PISTON																		
Z1-DV4 PISTON																		
MAXIMUM	1.31	2.90	1.20	-0.15	-2.25	1.04	1.63	-2.34	-0.85	-0.97	-1.07	-1.66	-1.53	-0.43	4.05	0.94	0.29	1.40
MINIMUM	-0.10	0.10	0.04	-0.12	-0.07	-0.11	0.56	-0.26	-0.85	-0.45	0.11	0.00	0.00	-0.41	-0.81	0.37	0.29	-0.11
RANGE(MAX-MIN)	1.410	2.800	1.160	-0.030	-2.180	1.150	1.070	-2.080	0.000	-0.520	-1.180	-1.660	-1.530	-0.020	4.860	0.570	0.000	1.510
MEAN	0.107	-0.030	0.220	-0.135	-0.253	0.199	1.015	0.107	-0.850	-0.697	-0.370	-0.830	-0.765	-0.420	0.308	0.630	0.290	-0.497
STANDARD DEVIATION	0.679	1.204	0.722	0.021	1.109	0.501	0.455	1.431	0.000	0.261	0.505	1.174	1.082	0.014	2.497	0.235	0.000	0.500

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Rater= Kobrinetz, Joaquin J.

YI Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	G1TOT	G2TOT	G3TOT	G4TOT	I2TOT	I3TOT	I4TOT	TGF	USTOT	I1TOT	UCTOT	SGF	TLHC	TLEC	THTOT	ATTOT	OCTOT	PSV
A1-SQUARE CUT	0.71	-0.02	-0.24	-0.53	0.26	-0.13	-0.12	0.08										
A2-KEystone																		
A3-C13-STYLE																		
A4-SQUARE CUT	-0.56	-0.10	-0.72	-0.19	-0.24	-0.35	-0.23	-0.29										
A5-SEQUENCE III																		
A6-ARTICULATED 2-PIECE																		
A7-SEQUENCE III																		
A8-SEQUENCE III																		
B1-SQUARE CUT																		
B2-KEystone																		
B3-C13-STYLE																		
B4-SQUARE CUT	-0.38	0.35	-0.57	-0.50	-0.43	-0.47	-0.58	-0.35										
B5-SEQUENCE III																		
B6-ARTICULATED 2-PIECE																		
B7-SEQUENCE III																		
B8-SEQUENCE III																		
C1-SQUARE CUT																		
C2-KEystone																		
C3-C13-STYLE																		
C4-SQUARE CUT																		
C5-SEQUENCE III																		
C6-ARTICULATED 2-PIECE																		
C7-SEQUENCE III																		
C8-SEQUENCE III																		
CAL-A-CALIBRATION PISTON	0.62	0.76	-1.09		0.02	-0.33		0.76										
CAL-B-CALIBRATION PISTON	-0.05	-0.17	-0.79		-0.26	-0.02		-1.28										
CAL-C-CALIBRATION PISTON	-0.11	-0.20	0.15		-0.09	-0.52		-0.41										
CAL-D-CALIBRATION PISTON	-0.30	-0.24	-0.26		-0.53	0.37		-0.66										
CAL-N-CAL DV4 PISTON	-0.35	-0.38	-0.33		0.17	-0.37												
CAL-W-CAL FIELD PISTON																		
E1-4-1-CAL. SEQ V PISTONS																		
E1-4-2-CAL. SEQ V PISTONS																		
E1-4-3-CAL. SEQ V PISTONS																		
E1-4-4-CAL. SEQ V PISTONS																		
F1-4-1-CAL. SEQ V PISTONS																		
F1-4-2-CAL. SEQ V PISTONS																		
F1-4-3-CAL. SEQ V PISTONS																		
F1-4-4-CAL. SEQ V PISTONS																		
G1-4-1-CAL. SEQ V PISTONS																		
G1-4-2-CAL. SEQ V PISTONS																		
G1-4-3-CAL. SEQ V PISTONS																		
G1-4-4-CAL. SEQ V PISTONS																		
Q1-8-1-SEQ V PISTONS																		
Q1-8-2-SEQ V PISTONS																		
Q1-8-3-SEQ V PISTONS																		
Q1-8-4-SEQ V PISTONS																		
Q1-8-5-SEQ V PISTONS																		
Q1-8-6-SEQ V PISTONS																		
Q1-8-7-SEQ V PISTONS																		
Q1-8-8-SEQ V PISTONS																		
R1-8-1-SEQ V PISTONS																		
R1-8-2-SEQ V PISTONS																		
R1-8-3-SEQ V PISTONS																		
R1-8-4-SEQ V PISTONS																		
R1-8-5-SEQ V PISTONS																		
R1-8-6-SEQ V PISTONS																		
R1-8-7-SEQ V PISTONS																		
R1-8-8-SEQ V PISTONS																		
S1-8-1-SEQ V PISTONS																		
S1-8-2-SEQ V PISTONS																		
S1-8-3-SEQ V PISTONS																		
S1-8-4-SEQ V PISTONS																		
S1-8-5-SEQ V PISTONS																		
S1-8-6-SEQ V PISTONS																		
S1-8-7-SEQ V PISTONS																		
S1-8-8-SEQ V PISTONS																		
T1-FIELD PISTON																		
U1-FIELD PISTON																		
V1-FIELD PISTON																		
X1-DV4 PISTON	1.21	-0.48	-0.17		0.11	-0.56												
Y1-DV4 PISTON	-0.04	-0.32	-0.54		-0.42	-0.56												
Z1-DV4 PISTON	-0.45	0.58	-0.16		0.12	-0.73												
MAXIMUM	1.21	0.76	-1.09	-0.53	-0.53	-0.73	-0.58	-1.28										
MINIMUM	-0.04	-0.02	0.15	-0.19	0.02	-0.02	-0.12	0.08										
RANGE(MAX-MIN)	1.250	0.780	-1.240	-0.340	-0.550	-0.710	-0.460	-1.360										
MEAN	0.027	-0.020	-0.429	-0.340	-0.117	-0.334	-0.310	-0.307										
STANDARD DEVIATION	0.569	0.406	0.351	0.188	0.273	0.308	0.240	0.629										

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Rater= Kraemer, Vernon

YI Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	G1TOT	G2TOT	G3TOT	G4TOT	I2TOT	I3TOT	I4TOT	TGF	USTOT	I1TOT	UCTOT	SGF	TLHC	TLEC	THTOT	ATTOT	OCTOT	PSV
A1-SQUARE CUT																		
A2-KEYSTONE																		
A3-C13-STYLE																		
A4-SQUARE CUT																		
A5-SEQUENCE III																		
A6-ARTICULATED 2-PIECE																		
A7-SEQUENCE III																		
A8-SEQUENCE III	-1.95	0.39	1.69		-0.39	-1.24					-1.18				-0.94	-0.44		
B1-SQUARE CUT	-0.61	-0.39	-1.09	-0.61	-0.37	-0.51	-0.78	-1.49										
B2-KEYSTONE	-0.81	-0.77	-0.45		-0.28	-0.30		-0.77	-1.24	0.94	-0.66	-0.60	0.00	-0.34				
B3-C13-STYLE																		
B4-SQUARE CUT																		
B5-SEQUENCE III	-0.30	-0.16	-0.67		-0.06	0.00					-0.91				-0.18	-0.75		
B6-ARTICULATED 2-PIECE																		
B7-SEQUENCE III	-0.45	-0.04	-0.39		-0.18	-0.13					-1.47				-0.64	-0.71		
B8-SEQUENCE III	-0.59	-0.17	-1.30		0.14	-0.42					-0.28				-0.18	-0.62		
C1-SQUARE CUT	0.37	0.06	0.31	0.45	1.61	0.00	1.24	-1.86										
C2-KEYSTONE																		
C3-C13-STYLE																		
C4-SQUARE CUT																		
C5-SEQUENCE III	0.82	-0.38	0.18		-0.58	-0.06					0.29				0.99	0.59		
C6-ARTICULATED 2-PIECE																		
C7-SEQUENCE III	-0.75	0.66	-0.37		-0.03	-0.53					-0.10				0.34	0.59		
C8-SEQUENCE III																		
CAL-A-CALIBRATION PISTON	0.57	-0.02	1.67		0.54	-1.52		-1.20										
CAL-B-CALIBRATION PISTON																		
CAL-C-CALIBRATION PISTON																		
CAL-D-CALIBRATION PISTON	-0.62	-0.62	-0.26		3.06	0.55		-0.54										
CAL-N-CAL DV4 PISTON	-1.83	-0.34	1.85		0.74	0.90												
CAL-W-CAL FIELD PISTON	0.58	-0.34	0.21		1.32	2.86									-1.96	-2.96		
E1-4-1-CAL. SEQ V PISTONS																		
E1-4-2-CAL. SEQ V PISTONS																		
E1-4-3-CAL. SEQ V PISTONS																		
E1-4-4-CAL. SEQ V PISTONS																		
F1-4-1-CAL. SEQ V PISTONS																		1.49
F1-4-2-CAL. SEQ V PISTONS																		0.57
F1-4-3-CAL. SEQ V PISTONS																		0.41
F1-4-4-CAL. SEQ V PISTONS																		0.24
G1-4-1-CAL. SEQ V PISTONS																		1.96
G1-4-2-CAL. SEQ V PISTONS																		0.33
G1-4-3-CAL. SEQ V PISTONS																		-0.34
G1-4-4-CAL. SEQ V PISTONS																		-0.04
Q1-8-1-SEQ V PISTONS																		
Q1-8-2-SEQ V PISTONS																		
Q1-8-3-SEQ V PISTONS																		
Q1-8-4-SEQ V PISTONS																		
Q1-8-5-SEQ V PISTONS																		
Q1-8-6-SEQ V PISTONS																		
Q1-8-7-SEQ V PISTONS																		
Q1-8-8-SEQ V PISTONS																		
R1-8-1-SEQ V PISTONS																		0.25
R1-8-2-SEQ V PISTONS																		0.07
R1-8-3-SEQ V PISTONS																		0.17
R1-8-4-SEQ V PISTONS																		-0.15
R1-8-5-SEQ V PISTONS																		0.38
R1-8-6-SEQ V PISTONS																		0.04
R1-8-7-SEQ V PISTONS																		0.06
R1-8-8-SEQ V PISTONS																		0.40
S1-8-1-SEQ V PISTONS																		0.09
S1-8-2-SEQ V PISTONS																		-0.16
S1-8-3-SEQ V PISTONS																		-0.13
S1-8-4-SEQ V PISTONS																		-0.15
S1-8-5-SEQ V PISTONS																		0.27
S1-8-6-SEQ V PISTONS																		-0.02
S1-8-7-SEQ V PISTONS																		-0.15
S1-8-8-SEQ V PISTONS																		0.35
T1-FIELD PISTON																		
U1-FIELD PISTON																		
V1-FIELD PISTON																		
X1-DV4 PISTON																		
Y1-DV4 PISTON																		
Z1-DV4 PISTON																		
MAXIMUM	-1.95	-0.77	1.85	-0.61	3.06	2.86	1.24	-1.86	-1.24	0.94	-1.47	-0.60	0.00	-0.34	-1.96	-2.96		1.96
MINIMUM	-0.30	-0.02	0.18	0.45	-0.03	0.00	-0.78	-0.54	-1.24	0.94	-0.10	-0.60	0.00	-0.34	-0.18	-0.44		-0.02
RANGE(MAX-MIN)	-1.650	-0.750	1.670	-1.060	3.090	2.860	2.020	-1.320	0.000	0.000	-1.370	0.000	0.000	0.000	-1.780	-2.520		1.980
MEAN	-0.428	-0.163	0.106	-0.080	0.425	-0.031	0.230	-1.172	-1.240	0.940	-0.616	-0.600	0.000	-0.340	-0.367	-0.614		0.248
STANDARD DEVIATION	0.859	0.388	1.040	0.750	1.039	1.078	1.428	0.533	0.000	0.000	0.624	0.000	0.000	0.000	0.944	1.188		0.514

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Rater= Langford, Mike

YI Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	G1TOT	G2TOT	G3TOT	G4TOT	I2TOT	I3TOT	I4TOT	TGF	USTOT	I1TOT	UCTOT	SGF	TLHC	TLEC	THTOT	ATTOT	OCTOT	PSV
A1-SQUARE CUT	0.73	-0.13	1.68	0.69	0.59	0.27	-0.39	-0.04										
A2-KEYSTONE	0.12	0.94	-1.39		0.19	1.94		1.56	0.37	-0.11	-0.04	0.04	0.00	-0.43				
A3-C13-STYLE	-0.94	0.48	0.61		0.38	1.65	0.66			0.21								
A4-SQUARE CUT	0.57	2.18	2.06	-0.28	-0.99	0.38	-0.16	0.41										
A5-SEQUENCE III	0.95	-0.48	-0.27		-0.51	-0.38					-1.77				-1.74	-1.47		
A6-ARTICULATED 2-PIECE	0.40	0.60	1.46		1.63	0.52	0.28	0.69		-0.07		2.12	-0.78	-0.41			-1.93	
A7-SEQUENCE III	-0.20	0.46	1.75		1.15	-0.92					0.37				0.13	-0.35		
A8-SEQUENCE III	-0.55	-0.50	0.25		0.87	0.06					0.13				2.54	-0.18		
B1-SQUARE CUT	0.24	0.28	-0.45	-0.55	-0.20	-0.51	-0.24	-0.14										
B2-KEYSTONE																		
B3-C13-STYLE																		
B4-SQUARE CUT																		
B5-SEQUENCE III																		
B6-ARTICULATED 2-PIECE																		
B7-SEQUENCE III																		
B8-SEQUENCE III																		
C1-SQUARE CUT																		
C2-KEYSTONE																		
C3-C13-STYLE																		
C4-SQUARE CUT																		
C5-SEQUENCE III																		
C6-ARTICULATED 2-PIECE																		
C7-SEQUENCE III																		
C8-SEQUENCE III																		
CAL-A-CALIBRATION PISTON																		
CAL-B-CALIBRATION PISTON	0.59	0.10	-0.21		0.72	0.50		0.42										
CAL-C-CALIBRATION PISTON	0.25	0.08	0.61		-0.29	0.42		0.07										
CAL-D-CALIBRATION PISTON																		
CAL-N-CAL DV4 PISTON	-0.13	-0.24	-0.32		-0.44	-0.45												
CAL-W-CAL FIELD PISTON	-0.72	0.12	-0.37		-0.48	0.61									-0.37	-0.81		
E1-4-1-CAL. SEQ V PISTONS																		-0.53
E1-4-2-CAL. SEQ V PISTONS																		-0.86
E1-4-3-CAL. SEQ V PISTONS																		-0.91
E1-4-4-CAL. SEQ V PISTONS																		-0.73
F1-4-1-CAL. SEQ V PISTONS																		-0.84
F1-4-2-CAL. SEQ V PISTONS																		-0.67
F1-4-3-CAL. SEQ V PISTONS																		-1.09
F1-4-4-CAL. SEQ V PISTONS																		-0.74
G1-4-1-CAL. SEQ V PISTONS																		
G1-4-2-CAL. SEQ V PISTONS																		
G1-4-3-CAL. SEQ V PISTONS																		
G1-4-4-CAL. SEQ V PISTONS																		
Q1-8-1-SEQ V PISTONS																		
Q1-8-2-SEQ V PISTONS																		
Q1-8-3-SEQ V PISTONS																		
Q1-8-4-SEQ V PISTONS																		
Q1-8-5-SEQ V PISTONS																		
Q1-8-6-SEQ V PISTONS																		
Q1-8-7-SEQ V PISTONS																		
Q1-8-8-SEQ V PISTONS																		
R1-8-1-SEQ V PISTONS																		
R1-8-2-SEQ V PISTONS																		
R1-8-3-SEQ V PISTONS																		
R1-8-4-SEQ V PISTONS																		
R1-8-5-SEQ V PISTONS																		
R1-8-6-SEQ V PISTONS																		
R1-8-7-SEQ V PISTONS																		
R1-8-8-SEQ V PISTONS																		
S1-8-1-SEQ V PISTONS																		
S1-8-2-SEQ V PISTONS																		
S1-8-3-SEQ V PISTONS																		
S1-8-4-SEQ V PISTONS																		
S1-8-5-SEQ V PISTONS																		
S1-8-6-SEQ V PISTONS																		
S1-8-7-SEQ V PISTONS																		
S1-8-8-SEQ V PISTONS																		
T1-FIELD PISTON																		
U1-FIELD PISTON																		
V1-FIELD PISTON																		
X1-DV4 PISTON																		
Y1-DV4 PISTON																		
Z1-DV4 PISTON																		
MAXIMUM	0.95	2.18	2.06	0.69	1.63	1.94	0.66	1.56	0.37	0.21	-1.77	2.12	-0.78	-0.43	2.54	-1.47	-1.93	-1.09
MINIMUM	0.12	0.08	-0.21	-0.28	0.19	0.06	-0.16	-0.04	0.37	-0.07	-0.04	0.04	0.00	-0.41	0.13	-0.18	-1.93	-0.53
RANGE(MAX-MIN)	0.830	2.100	2.270	0.970	1.440	1.880	0.820	1.600	0.000	0.280	-1.730	2.080	-0.780	-0.020	2.410	-1.290	0.000	-0.560
MEAN	0.101	0.299	0.416	-0.047	0.202	0.315	0.030	0.424	0.370	0.010	-0.328	1.080	-0.390	-0.420	0.140	-0.703	-1.930	-0.796
STANDARD DEVIATION	0.580	0.703	1.053	0.652	0.766	0.814	0.432	0.580	0.000	0.174	0.976	1.471	0.552	0.014	1.785	0.577	0.000	0.169

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Rater= Liong, Samuel

YI Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	G1TOT	G2TOT	G3TOT	G4TOT	I2TOT	I3TOT	I4TOT	TGF	USTOT	I1TOT	UCTOT	SGF	TLHC	TLEC	THTOT	ATTOT	OCTOT	PSV
A1-SQUARE CUT																		
A2-KEystone																		
A3-C13-STYLE																		
A4-SQUARE CUT																		
A5-SEQUENCE III																		
A6-ARTICULATED 2-PIECE																		
A7-SEQUENCE III																		
A8-SEQUENCE III																		
B1-SQUARE CUT	-0.22	1.00	0.65	-0.67	0.50	-0.51	-0.46	-0.82										
B2-KEystone	-1.15	-0.77	0.46		0.03	0.01		-0.08	1.34	-0.67	1.37	-1.34	0.00	-0.34				
B3-C13-STYLE	0.01	-0.21	1.19		-0.16	0.63	0.77			0.53								
B4-SQUARE CUT	-0.25	0.32	-0.50	-0.35	1.41	-0.76	-0.94	-0.04										
B5-SEQUENCE III	-0.25	-0.16	0.19		-0.23	-0.51					1.75				0.11	0.09		
B6-ARTICULATED 2-PIECE	-1.12	-0.28	-0.02		0.66	0.82	1.62	-0.35		-0.94		0.42	-0.58	-0.84			-0.06	
B7-SEQUENCE III	-0.22	-0.35	1.77		-0.78	-0.47					0.87				-0.59	-0.46		
B8-SEQUENCE III	-0.51	-0.33	0.98		-0.91	-0.50					1.09				-0.45	-0.04		
C1-SQUARE CUT																		
C2-KEystone																		
C3-C13-STYLE																		
C4-SQUARE CUT																		
C5-SEQUENCE III																		
C6-ARTICULATED 2-PIECE																		
C7-SEQUENCE III																		
C8-SEQUENCE III																		
CAL-A-CALIBRATION PISTON																		
CAL-B-CALIBRATION PISTON	0.83	3.78	-0.21		2.14	0.96		1.27										
CAL-C-CALIBRATION PISTON																		
CAL-D-CALIBRATION PISTON	0.13	-0.05	-0.19		0.29	0.72		1.35										
CAL-N-CAL DV4 PISTON																		
CAL-W-CAL FIELD PISTON																		
E1-4-1-CAL. SEQ V PISTONS																		
E1-4-2-CAL. SEQ V PISTONS																		
E1-4-3-CAL. SEQ V PISTONS																		
E1-4-4-CAL. SEQ V PISTONS																		
F1-4-1-CAL. SEQ V PISTONS																		
F1-4-2-CAL. SEQ V PISTONS																		
F1-4-3-CAL. SEQ V PISTONS																		
F1-4-4-CAL. SEQ V PISTONS																		
G1-4-1-CAL. SEQ V PISTONS																		
G1-4-2-CAL. SEQ V PISTONS																		
G1-4-3-CAL. SEQ V PISTONS																		
G1-4-4-CAL. SEQ V PISTONS																		
Q1-8-1-SEQ V PISTONS																		
Q1-8-2-SEQ V PISTONS																		
Q1-8-3-SEQ V PISTONS																		
Q1-8-4-SEQ V PISTONS																		
Q1-8-5-SEQ V PISTONS																		
Q1-8-6-SEQ V PISTONS																		
Q1-8-7-SEQ V PISTONS																		
Q1-8-8-SEQ V PISTONS																		
R1-8-1-SEQ V PISTONS																		
R1-8-2-SEQ V PISTONS																		
R1-8-3-SEQ V PISTONS																		
R1-8-4-SEQ V PISTONS																		
R1-8-5-SEQ V PISTONS																		
R1-8-6-SEQ V PISTONS																		
R1-8-7-SEQ V PISTONS																		
R1-8-8-SEQ V PISTONS																		
S1-8-1-SEQ V PISTONS																		
S1-8-2-SEQ V PISTONS																		
S1-8-3-SEQ V PISTONS																		
S1-8-4-SEQ V PISTONS																		
S1-8-5-SEQ V PISTONS																		
S1-8-6-SEQ V PISTONS																		
S1-8-7-SEQ V PISTONS																		
S1-8-8-SEQ V PISTONS																		
T1-FIELD PISTON																		
U1-FIELD PISTON																		
V1-FIELD PISTON																		
X1-DV4 PISTON																		
Y1-DV4 PISTON																		
Z1-DV4 PISTON																		
MAXIMUM	-1.15	3.78	1.77	-0.67	2.14	0.96	1.62	1.35	1.34	-0.94	1.75	-1.34	-0.58	-0.84	-0.59	-0.46	-0.06	
MINIMUM	0.01	-0.05	-0.02	-0.35	0.03	0.01	-0.46	-0.04	1.34	0.53	0.87	0.42	0.00	-0.34	0.11	-0.04	-0.06	
RANGE(MAX-MIN)	-1.160	3.830	1.790	-0.320	2.110	0.950	2.080	1.390	0.000	-1.470	0.880	-1.760	-0.580	-0.500	-0.700	-0.420	0.000	
MEAN	-0.275	0.295	0.432	-0.510	0.295	0.039	0.248	0.222	1.340	-0.360	1.270	-0.460	-0.290	-0.590	-0.310	-0.137	-0.060	
STANDARD DEVIATION	0.578	1.312	0.718	0.226	0.942	0.672	1.164	0.888	0.000	0.782	0.380	1.245	0.410	0.354	0.370	0.287	0.000	

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Rater= Lonsway, Chris

YI Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	G1TOT	G2TOT	G3TOT	G4TOT	I2TOT	I3TOT	I4TOT	TGF	USTOT	I1TOT	UCTOT	SGF	TLHC	TLEC	THTOT	ATTOT	OCTOT	PSV
A1-SQUARE CUT																		
A2-KEYSTONE																		
A3-C13-STYLE																		
A4-SQUARE CUT																		
A5-SEQUENCE III																		
A6-ARTICULATED 2-PIECE																		
A7-SEQUENCE III																		
A8-SEQUENCE III																		
B1-SQUARE CUT																		
B2-KEYSTONE																		
B3-C13-STYLE																		
B4-SQUARE CUT																		
B5-SEQUENCE III																		
B6-ARTICULATED 2-PIECE																		
B7-SEQUENCE III																		
B8-SEQUENCE III																		
C1-SQUARE CUT	-0.99	-0.52	-0.70	-0.46	-0.86	0.34	0.52	-1.06										
C2-KEYSTONE	-0.31	-0.14	0.53		-0.33	0.70		-0.52	0.06	-0.15	-0.08	-0.56	-0.27	0.67				
C3-C13-STYLE	-0.95	0.14	-1.21		-0.31	0.74	-0.24			-1.27								
C4-SQUARE CUT	-0.88	-0.54	-0.37	-0.53	-0.97	-0.34	-0.50	-0.69										
C5-SEQUENCE III	-0.46	-0.12	-0.38		0.16	0.02					1.00				0.28	0.21		
C6-ARTICULATED 2-PIECE	-1.78	-0.49	-0.66		-0.22	-0.29	-0.67	-1.06		-1.36		-0.85	-1.26	0.38			-0.62	
C7-SEQUENCE III	0.18	-0.32	0.24		-0.05	-0.14					0.84				-1.09	0.40		
C8-SEQUENCE III	1.11	-0.38	-0.09		-0.41	-0.22					1.20				-0.32	-0.20		
CAL-A-CALIBRATION PISTON	-0.93	0.41	0.82		-0.55	-0.89		1.02										
CAL-B-CALIBRATION PISTON																		
CAL-C-CALIBRATION PISTON	-0.94	0.06	-0.54		-0.48	-0.37		-1.09										
CAL-D-CALIBRATION PISTON	-0.84	-0.18	-0.24		-0.69	0.77		-1.55										
CAL-N-CAL DV4 PISTON	-0.59	0.00	-0.32		-1.00	-0.47												
CAL-W-CAL FIELD PISTON																		
E1-4-1-CAL. SEQ V PISTONS																		-0.11
E1-4-2-CAL. SEQ V PISTONS																		0.10
E1-4-3-CAL. SEQ V PISTONS																		0.15
E1-4-4-CAL. SEQ V PISTONS																		0.64
F1-4-1-CAL. SEQ V PISTONS																		1.61
F1-4-2-CAL. SEQ V PISTONS																		0.82
F1-4-3-CAL. SEQ V PISTONS																		0.80
F1-4-4-CAL. SEQ V PISTONS																		2.12
G1-4-1-CAL. SEQ V PISTONS																		
G1-4-2-CAL. SEQ V PISTONS																		
G1-4-3-CAL. SEQ V PISTONS																		
G1-4-4-CAL. SEQ V PISTONS																		
Q1-8-1-SEQ V PISTONS																		
Q1-8-2-SEQ V PISTONS																		
Q1-8-3-SEQ V PISTONS																		
Q1-8-4-SEQ V PISTONS																		
Q1-8-5-SEQ V PISTONS																		
Q1-8-6-SEQ V PISTONS																		
Q1-8-7-SEQ V PISTONS																		
Q1-8-8-SEQ V PISTONS																		
R1-8-1-SEQ V PISTONS																		-0.64
R1-8-2-SEQ V PISTONS																		-0.25
R1-8-3-SEQ V PISTONS																		-0.27
R1-8-4-SEQ V PISTONS																		-0.31
R1-8-5-SEQ V PISTONS																		-0.82
R1-8-6-SEQ V PISTONS																		-0.72
R1-8-7-SEQ V PISTONS																		-0.41
R1-8-8-SEQ V PISTONS																		-0.20
S1-8-1-SEQ V PISTONS																		
S1-8-2-SEQ V PISTONS																		
S1-8-3-SEQ V PISTONS																		
S1-8-4-SEQ V PISTONS																		
S1-8-5-SEQ V PISTONS																		
S1-8-6-SEQ V PISTONS																		
S1-8-7-SEQ V PISTONS																		
S1-8-8-SEQ V PISTONS																		
T1-FIELD PISTON																		
U1-FIELD PISTON																		
V1-FIELD PISTON																		
X1-DV4 PISTON	-0.49	-0.67	-0.21		-1.07	-0.14												
Y1-DV4 PISTON	-0.28	-0.27	-0.44		-0.51	0.02												
Z1-DV4 PISTON	-0.41	-0.01	-0.04		0.33	0.99												
MAXIMUM	-1.78	-0.67	-1.21	-0.53	-1.07	0.99	-0.67	-1.55	0.06	-1.36	1.20	-0.85	-1.26	0.67	-1.09	0.40	-0.62	2.12
MINIMUM	0.18	0.00	-0.04	-0.46	-0.05	0.02	-0.24	-0.52	0.06	-0.15	-0.08	-0.56	-0.27	0.38	0.28	-0.20	-0.62	0.10
RANGE(MAX-MIN)	-1.960	-0.670	-1.170	-0.070	-1.020	0.970	-0.430	-1.030	0.000	-1.210	1.280	-0.290	-0.990	0.290	-1.370	0.600	0.000	2.020
MEAN	-0.571	-0.202	-0.241	-0.495	-0.464	0.048	-0.223	-0.707	0.060	-0.927	0.740	-0.705	-0.765	0.525	-0.377	0.137	-0.620	0.144
STANDARD DEVIATION	0.644	0.295	0.501	0.049	0.416	0.543	0.526	0.829	0.000	0.674	0.566	0.205	0.700	0.205	0.687	0.307	0.000	0.828

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Rater= Lopez, Frank

YI Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	G1TOT	G2TOT	G3TOT	G4TOT	I2TOT	I3TOT	I4TOT	TGF	USTOT	I1TOT	UCTOT	SGF	TLHC	TLEC	THTOT	ATTOT	OCTOT	PSV
A1-SQUARE CUT	-0.16	-0.20	-0.24	-0.32	0.66	2.19	0.29	-1.08										
A2-KEYSTONE	0.12	1.17	-0.38		-1.02	0.20	0.43	0.89	1.85	1.76	-0.02	0.00	-0.43					
A3-C13-STYLE	-0.86	0.04	-0.18		0.00	-0.40	0.41		0.46									
A4-SQUARE CUT	0.23	1.69	-0.16	-0.28	1.08	-0.23	-0.16	-0.89										
A5-SEQUENCE III	0.29	-0.54	-0.27		1.89	0.79				0.81					0.00	-0.38		
A6-ARTICULATED 2-PIECE	-0.35	0.06	-1.13		0.83	-1.48	-0.45	-0.70		0.34		-1.41	-0.18	0.48			0.98	
A7-SEQUENCE III	0.29	0.83	-0.77		0.83	0.40					0.35				0.17	-0.35		
A8-SEQUENCE III	-0.83	-0.05	-1.21		-0.11	0.75					1.22				-0.77	-0.61		
B1-SQUARE CUT																		
B2-KEYSTONE																		
B3-C13-STYLE																		
B4-SQUARE CUT																		
B5-SEQUENCE III																		
B6-ARTICULATED 2-PIECE																		
B7-SEQUENCE III																		
B8-SEQUENCE III																		
C1-SQUARE CUT																		
C2-KEYSTONE																		
C3-C13-STYLE																		
C4-SQUARE CUT																		
C5-SEQUENCE III																		
C6-ARTICULATED 2-PIECE																		
C7-SEQUENCE III																		
C8-SEQUENCE III																		
CAL-A-CALIBRATION PISTON	0.62	0.27	-0.24		-0.45	-0.72		0.70										
CAL-B-CALIBRATION PISTON																		
CAL-C-CALIBRATION PISTON																		
CAL-D-CALIBRATION PISTON																		
CAL-N-CAL DV4 PISTON	-0.75	-0.16	-0.33		0.41	-0.39												
CAL-W-CAL FIELD PISTON	0.36	0.00	-0.35		-0.16	-0.28									-0.20	-1.39		
E1-4-1-CAL. SEQ V PISTONS																		-1.05
E1-4-2-CAL. SEQ V PISTONS																		-0.82
E1-4-3-CAL. SEQ V PISTONS																		-0.59
E1-4-4-CAL. SEQ V PISTONS																		-0.57
F1-4-1-CAL. SEQ V PISTONS																		-0.26
F1-4-2-CAL. SEQ V PISTONS																		-0.72
F1-4-3-CAL. SEQ V PISTONS																		0.53
F1-4-4-CAL. SEQ V PISTONS																		1.14
G1-4-1-CAL. SEQ V PISTONS																		
G1-4-2-CAL. SEQ V PISTONS																		
G1-4-3-CAL. SEQ V PISTONS																		
G1-4-4-CAL. SEQ V PISTONS																		
Q1-8-1-SEQ V PISTONS																		
Q1-8-2-SEQ V PISTONS																		
Q1-8-3-SEQ V PISTONS																		
Q1-8-4-SEQ V PISTONS																		
Q1-8-5-SEQ V PISTONS																		
Q1-8-6-SEQ V PISTONS																		
Q1-8-7-SEQ V PISTONS																		
Q1-8-8-SEQ V PISTONS																		
R1-8-1-SEQ V PISTONS																		
R1-8-2-SEQ V PISTONS																		
R1-8-3-SEQ V PISTONS																		
R1-8-4-SEQ V PISTONS																		
R1-8-5-SEQ V PISTONS																		
R1-8-6-SEQ V PISTONS																		
R1-8-7-SEQ V PISTONS																		
R1-8-8-SEQ V PISTONS																		
S1-8-1-SEQ V PISTONS																		
S1-8-2-SEQ V PISTONS																		
S1-8-3-SEQ V PISTONS																		
S1-8-4-SEQ V PISTONS																		
S1-8-5-SEQ V PISTONS																		
S1-8-6-SEQ V PISTONS																		
S1-8-7-SEQ V PISTONS																		
S1-8-8-SEQ V PISTONS																		
T1-FIELD PISTON	-0.67	-1.06	0.63		-0.44	1.36									-2.38	-2.27		
U1-FIELD PISTON	0.85	0.41	-0.19		-0.38	-0.21									0.06	-2.57		
V1-FIELD PISTON																		
X1-DV4 PISTON	-0.49	1.84	-0.38		-1.16	-0.14												
Y1-DV4 PISTON	-0.28	-0.24	-0.15		-1.06	-0.48												
Z1-DV4 PISTON																		
MAXIMUM	-0.86	1.84	-1.21	-0.32	1.89	2.19	-0.45	-1.08	0.89	1.85	1.76	-1.41	-0.18	0.48	-2.38	-2.57	0.98	1.14
MINIMUM	0.12	0.00	-0.15	-0.28	0.00	-0.14	-0.16	0.43	0.89	0.34	0.35	-0.02	0.00	-0.43	0.00	-0.35	0.98	-0.26
RANGE(MAX-MIN)	-0.980	1.840	-1.060	-0.040	1.890	2.330	-0.290	-1.510	0.000	1.510	1.410	-1.390	-0.180	0.910	-2.380	-2.220	0.000	1.400
MEAN	-0.109	0.271	-0.357	-0.300	0.061	0.091	0.023	-0.308	0.890	0.883	1.035	-0.715	-0.090	0.025	-0.520	-1.262	0.980	-0.293
STANDARD DEVIATION	0.548	0.801	0.435	0.028	0.876	0.901	0.399	0.814	0.000	0.839	0.600	0.983	0.127	0.643	0.970	0.978	0.000	0.749

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Rater= Lowsky, John

YI Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	G1TOT	G2TOT	G3TOT	G4TOT	I2TOT	I3TOT	I4TOT	TGF	USTOT	I1TOT	UCTOT	SGF	TLHC	TLEC	THTOT	ATTOT	OCTOT	PSV
A1-SQUARE CUT																		
A2-KEYSTONE																		
A3-C13-STYLE																		
A4-SQUARE CUT																		
A5-SEQUENCE III																		
A6-ARTICULATED 2-PIECE																		
A7-SEQUENCE III																		
A8-SEQUENCE III																		
B1-SQUARE CUT	-1.31	-1.39	-1.73	-1.28	-1.31	-1.55	-1.42	-0.39										
B2-KEYSTONE	0.55	-0.11	-0.23		-0.40	-0.91		1.76	-0.63	-1.03	0.12	-0.25	0.00	-0.34				
B3-C13-STYLE	-0.30	-1.32	-0.63		-0.90	-0.81	-1.06			-0.50								
B4-SQUARE CUT	-0.70	-1.14	-1.22	-0.95	-1.34	-1.34	-1.64	0.27										
B5-SEQUENCE III	3.86	-0.29	-0.45		-0.27	-0.70					-1.76				-1.46	-1.11		
B6-ARTICULATED 2-PIECE	1.57	-0.26	-1.19		-1.33	-0.63	-0.85	2.42		-0.55		2.21	-0.67	-0.17			0.70	
B7-SEQUENCE III	1.95	-0.31	-0.75		0.23	-0.40					-1.16				-1.06	-0.96		
B8-SEQUENCE III	2.57	-0.85	-0.83		1.13	-0.51					-0.49				1.64	-0.16		
C1-SQUARE CUT																		
C2-KEYSTONE																		
C3-C13-STYLE																		
C4-SQUARE CUT																		
C5-SEQUENCE III																		
C6-ARTICULATED 2-PIECE																		
C7-SEQUENCE III																		
C8-SEQUENCE III																		
CAL-A-CALIBRATION PISTON	-0.76	-1.14	-0.24		-0.17	0.55		-0.06										
CAL-B-CALIBRATION PISTON	-1.25	-1.34	0.21		-0.44	-0.76		-0.43										
CAL-C-CALIBRATION PISTON	-0.52	-1.12	0.74		-0.10	-0.04		-0.32										
CAL-D-CALIBRATION PISTON																		
CAL-N-CAL DV4 PISTON	0.00	-0.26	-0.27		-0.63	-0.44												
CAL-W-CAL FIELD PISTON	0.28	-0.32	-0.18		-0.46	-0.23									-0.92	-0.53		
E1-4-1-CAL. SEQ V PISTONS																		0.88
E1-4-2-CAL. SEQ V PISTONS																		1.10
E1-4-3-CAL. SEQ V PISTONS																		0.42
E1-4-4-CAL. SEQ V PISTONS																		0.04
F1-4-1-CAL. SEQ V PISTONS																		
F1-4-2-CAL. SEQ V PISTONS																		
F1-4-3-CAL. SEQ V PISTONS																		
F1-4-4-CAL. SEQ V PISTONS																		
G1-4-1-CAL. SEQ V PISTONS																		-0.91
G1-4-2-CAL. SEQ V PISTONS																		-0.43
G1-4-3-CAL. SEQ V PISTONS																		-0.64
G1-4-4-CAL. SEQ V PISTONS																		-0.70
Q1-8-1-SEQ V PISTONS																		-0.44
Q1-8-2-SEQ V PISTONS																		-0.52
Q1-8-3-SEQ V PISTONS																		-0.66
Q1-8-4-SEQ V PISTONS																		-0.48
Q1-8-5-SEQ V PISTONS																		-0.41
Q1-8-6-SEQ V PISTONS																		-0.46
Q1-8-7-SEQ V PISTONS																		-0.58
Q1-8-8-SEQ V PISTONS																		-0.58
R1-8-1-SEQ V PISTONS																		
R1-8-2-SEQ V PISTONS																		
R1-8-3-SEQ V PISTONS																		
R1-8-4-SEQ V PISTONS																		
R1-8-5-SEQ V PISTONS																		
R1-8-6-SEQ V PISTONS																		
R1-8-7-SEQ V PISTONS																		
R1-8-8-SEQ V PISTONS																		
S1-8-1-SEQ V PISTONS																		-0.80
S1-8-2-SEQ V PISTONS																		-0.42
S1-8-3-SEQ V PISTONS																		-0.74
S1-8-4-SEQ V PISTONS																		-0.83
S1-8-5-SEQ V PISTONS																		-0.66
S1-8-6-SEQ V PISTONS																		-0.32
S1-8-7-SEQ V PISTONS																		-0.58
S1-8-8-SEQ V PISTONS																		-0.69
T1-FIELD PISTON	1.21	-0.47	-1.09		-0.95	-1.31									0.07	-0.75		
U1-FIELD PISTON																		
V1-FIELD PISTON	-0.13	0.36	0.07		-0.73	-0.16									-1.24	-1.59		
X1-DV4 PISTON	0.79	-0.45	0.25		-0.50	0.52												
Y1-DV4 PISTON																		
Z1-DV4 PISTON	-0.30	0.35	-0.06		0.29	-1.08												
MAXIMUM	3.86	-1.39	-1.73	-1.28	-1.34	-1.55	-1.64	2.42	-0.63	-1.03	-1.76	2.21	-0.67	-0.34	1.64	-1.59	0.70	1.10
MINIMUM	0.00	-0.11	-0.06	-0.95	-0.10	-0.04	-0.85	-0.06	-0.63	-0.50	0.12	-0.25	0.00	-0.17	0.07	-0.16	0.70	0.04
RANGE(MAX-MIN)	3.860	-1.280	-1.670	-0.330	-1.240	-1.510	-0.790	2.480	0.000	-0.530	-1.880	2.460	-0.670	-0.170	1.570	-1.430	0.000	1.060
MEAN	0.442	-0.592	-0.447	-1.115	-0.464	-0.576	-1.243	0.464	-0.630	-1.693	-0.823	0.980	-0.335	-0.255	-0.495	-0.850	0.700	-0.392
STANDARD DEVIATION	1.408	0.570	0.633	0.233	0.643	0.594	0.354	1.152	0.000	0.293	0.815	1.739	0.474	0.120	1.172	0.493	0.000	0.510

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Rater= May, Marianne

YI Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	G1TOT	G2TOT	G3TOT	G4TOT	I2TOT	I3TOT	I4TOT	TGF	USTOT	I1TOT	UCTOT	SGF	TLHC	TLEC	THTOT	ATTOT	OCTOT	PSV
A1-SQUARE CUT																		
A2-KEYSTONE																		
A3-C13-STYLE																		
A4-SQUARE CUT																		
A5-SEQUENCE III																		
A6-ARTICULATED 2-PIECE																		
A7-SEQUENCE III																		
A8-SEQUENCE III																		
B1-SQUARE CUT																		
B2-KEYSTONE	0.10	-0.72	-0.68		-0.60	-1.28		-0.54	-1.38	-0.46	-0.94	-0.80	0.00	-0.34				
B3-C13-STYLE																		
B4-SQUARE CUT																		
B5-SEQUENCE III	-0.18	-0.29	-0.83		-0.34	0.07					0.01				-0.70	-0.90		
B6-ARTICULATED 2-PIECE																		
B7-SEQUENCE III																		
B8-SEQUENCE III																		
C1-SQUARE CUT	0.33	-0.75	-0.70	-0.86	-0.70	-0.74	-0.99	-0.18										
C2-KEYSTONE	-0.27	-0.25	-0.44		-0.47	0.10		-0.48	-0.14	0.17	-0.44	0.15	-0.27	0.67				
C3-C13-STYLE	-0.27	1.78	0.89		0.03	-0.20	0.35			0.47								
C4-SQUARE CUT	0.48	-0.13	-0.55	-0.80	-0.41	-0.81	-0.63	0.31										
C5-SEQUENCE III	-0.31	-0.02	-0.82		0.76	0.02					0.04				0.75	-0.82		
C6-ARTICULATED 2-PIECE	-0.22	-0.08	-1.14		0.01	-0.71	-0.55	-0.61		-0.10		-1.03	-0.17	-0.39			0.78	
C7-SEQUENCE III	0.72	-0.20	-0.86		0.14	-0.28					0.28				-0.48	-0.48		
C8-SEQUENCE III	0.12	-0.31	-0.43		-0.30	-0.22					0.19				-0.12	-0.17		
CAL-A-CALIBRATION PISTON	-0.31	1.21	-1.20		-0.06	-0.53		0.70										
CAL-B-CALIBRATION PISTON																		
CAL-C-CALIBRATION PISTON																		
CAL-D-CALIBRATION PISTON	-0.58	-0.19	-0.40		-0.47	-0.22		0.05										
CAL-N-CAL DV4 PISTON																		
CAL-W-CAL FIELD PISTON																		
E1-4-1-CAL. SEQ V PISTONS																		
E1-4-2-CAL. SEQ V PISTONS																		
E1-4-3-CAL. SEQ V PISTONS																		
E1-4-4-CAL. SEQ V PISTONS																		
F1-4-1-CAL. SEQ V PISTONS																		-0.55
F1-4-2-CAL. SEQ V PISTONS																		-0.26
F1-4-3-CAL. SEQ V PISTONS																		-0.12
F1-4-4-CAL. SEQ V PISTONS																		0.77
G1-4-1-CAL. SEQ V PISTONS																		-0.87
G1-4-2-CAL. SEQ V PISTONS																		-0.33
G1-4-3-CAL. SEQ V PISTONS																		-0.04
G1-4-4-CAL. SEQ V PISTONS																		-0.05
Q1-8-1-SEQ V PISTONS																		
Q1-8-2-SEQ V PISTONS																		
Q1-8-3-SEQ V PISTONS																		
Q1-8-4-SEQ V PISTONS																		
Q1-8-5-SEQ V PISTONS																		
Q1-8-6-SEQ V PISTONS																		
Q1-8-7-SEQ V PISTONS																		
Q1-8-8-SEQ V PISTONS																		
R1-8-1-SEQ V PISTONS																		-0.43
R1-8-2-SEQ V PISTONS																		-0.47
R1-8-3-SEQ V PISTONS																		-0.41
R1-8-4-SEQ V PISTONS																		-0.35
R1-8-5-SEQ V PISTONS																		-0.26
R1-8-6-SEQ V PISTONS																		-0.27
R1-8-7-SEQ V PISTONS																		-0.22
R1-8-8-SEQ V PISTONS																		-0.20
S1-8-1-SEQ V PISTONS																		-0.31
S1-8-2-SEQ V PISTONS																		-0.10
S1-8-3-SEQ V PISTONS																		-0.49
S1-8-4-SEQ V PISTONS																		-0.59
S1-8-5-SEQ V PISTONS																		-0.36
S1-8-6-SEQ V PISTONS																		-0.15
S1-8-7-SEQ V PISTONS																		-0.15
S1-8-8-SEQ V PISTONS																		-0.12
T1-FIELD PISTON																		
U1-FIELD PISTON																		
V1-FIELD PISTON																		
X1-DV4 PISTON																		
Y1-DV4 PISTON																		
Z1-DV4 PISTON																		
MAXIMUM	0.72	1.78	-1.20	-0.86	0.76	-1.28	-0.99	0.70	-1.38	0.47	-0.94	-1.03	-0.27	0.67	0.75	-0.90	0.78	-0.87
MINIMUM	0.10	-0.02	-0.40	-0.80	0.01	0.02	0.35	0.05	-0.14	-0.10	0.01	0.15	0.00	-0.34	-0.12	-0.17	0.78	-0.04
RANGE(MAX-MIN)	0.620	1.800	-0.800	-0.060	0.750	-1.300	-1.340	0.650	-1.240	0.570	-0.950	-1.180	-0.270	1.010	0.870	-0.730	0.000	-0.830
MEAN	-0.033	0.004	-0.597	-0.830	-0.201	-0.400	-0.455	-0.107	-0.760	0.020	-0.143	-0.560	-0.147	-0.020	-0.138	-0.593	0.780	-0.264
STANDARD DEVIATION	0.384	0.742	0.535	0.042	0.403	0.420	0.570	0.489	0.877	0.396	0.463	0.626	0.137	0.598	0.638	0.335	0.000	0.294

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Rater= Mueller, Stefan

YI Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	G1TOT	G2TOT	G3TOT	G4TOT	I2TOT	I3TOT	I4TOT	TGF	USTOT	I1TOT	UCTOT	SGF	TLHC	TLEC	THTOT	ATTOT	OCTOT	PSV
A1-SQUARE CUT																		
A2-KEYSTONE																		
A3-C13-STYLE																		
A4-SQUARE CUT																		
A5-SEQUENCE III																		
A6-ARTICULATED 2-PIECE																		
A7-SEQUENCE III																		
A8-SEQUENCE III																		
B1-SQUARE CUT																		
B2-KEYSTONE																		
B3-C13-STYLE																		
B4-SQUARE CUT																		
B5-SEQUENCE III																		
B6-ARTICULATED 2-PIECE																		
B7-SEQUENCE III																		
B8-SEQUENCE III																		
C1-SQUARE CUT	3.01	-0.52	-0.37	-0.01	-0.26	-1.13	-1.52	2.54										
C2-KEYSTONE	0.21	2.04	-0.48		3.40	0.88		2.96	1.22	1.33	0.79	1.33	3.47	3.02				
C3-C13-STYLE	2.30	-0.90	-0.30		2.80	1.41	0.85			-0.49								
C4-SQUARE CUT	0.75	-0.29	-0.37	-0.27	-0.62	-0.91	-0.50	2.05										
C5-SEQUENCE III	-0.51	3.67	1.06		-0.34	1.87					0.29				-1.03	0.21		
C6-ARTICULATED 2-PIECE	1.13	-0.43	1.22		0.88	0.66	1.27	1.97		1.36		2.14	1.43	1.59			0.35	
C7-SEQUENCE III	-1.21	2.87	-0.59		0.55	2.81					-1.67				-1.12	-0.68		
C8-SEQUENCE III	-0.03	2.92	0.77		2.92	3.11					-1.99				-0.57	-0.45		
CAL-A-CALIBRATION PISTON	0.89	-1.63	-0.24		-1.05	1.32		1.59										
CAL-B-CALIBRATION PISTON	1.14	-1.17	-0.21		-0.75	-1.72		0.76										
CAL-C-CALIBRATION PISTON	1.96	-0.93	-0.77		-1.49	0.39		2.20										
CAL-D-CALIBRATION PISTON	0.04	-1.39	0.24		-0.76	-1.21		1.35										
CAL-N-CAL DV4 PISTON	0.28	1.45	4.62		-1.99	0.95												
CAL-W-CAL FIELD PISTON	2.10	3.34	-0.11		3.40	-0.30									0.36	-0.73		
E1-4-1-CAL. SEQ V PISTONS																		
E1-4-2-CAL. SEQ V PISTONS																		
E1-4-3-CAL. SEQ V PISTONS																		
E1-4-4-CAL. SEQ V PISTONS																		
F1-4-1-CAL. SEQ V PISTONS																		
F1-4-2-CAL. SEQ V PISTONS																		
F1-4-3-CAL. SEQ V PISTONS																		
F1-4-4-CAL. SEQ V PISTONS																		
G1-4-1-CAL. SEQ V PISTONS																		
G1-4-2-CAL. SEQ V PISTONS																		
G1-4-3-CAL. SEQ V PISTONS																		
G1-4-4-CAL. SEQ V PISTONS																		
Q1-8-1-SEQ V PISTONS																		2.39
Q1-8-2-SEQ V PISTONS																		3.21
Q1-8-3-SEQ V PISTONS																		2.43
Q1-8-4-SEQ V PISTONS																		2.54
Q1-8-5-SEQ V PISTONS																		3.06
Q1-8-6-SEQ V PISTONS																		2.60
Q1-8-7-SEQ V PISTONS																		2.51
Q1-8-8-SEQ V PISTONS																		2.88
R1-8-1-SEQ V PISTONS																		1.30
R1-8-2-SEQ V PISTONS																		1.27
R1-8-3-SEQ V PISTONS																		0.54
R1-8-4-SEQ V PISTONS																		1.82
R1-8-5-SEQ V PISTONS																		0.60
R1-8-6-SEQ V PISTONS																		1.34
R1-8-7-SEQ V PISTONS																		1.11
R1-8-8-SEQ V PISTONS																		1.54
S1-8-1-SEQ V PISTONS																		
S1-8-2-SEQ V PISTONS																		
S1-8-3-SEQ V PISTONS																		
S1-8-4-SEQ V PISTONS																		
S1-8-5-SEQ V PISTONS																		
S1-8-6-SEQ V PISTONS																		
S1-8-7-SEQ V PISTONS																		
S1-8-8-SEQ V PISTONS																		
T1-FIELD PISTON	0.40	0.53	-0.83		-1.94	-0.78									1.61	-0.19		
U1-FIELD PISTON	0.54	3.21	-1.17		3.57	3.62									1.94	-0.17		
V1-FIELD PISTON																		
X1-DV4 PISTON	1.10	-2.78	-0.80		-1.79	-0.20												
Y1-DV4 PISTON	2.32	-0.40	-0.61		0.85	-0.65												
Z1-DV4 PISTON																		
MAXIMUM	3.01	3.67	4.62	-0.27	3.57	3.62	-1.52	2.96	1.22	1.36	-1.99	2.14	3.47	3.02	1.94	-0.73	0.35	3.21
MINIMUM	-0.03	-0.29	-0.11	-0.01	-0.26	-0.20	-0.50	0.76	1.22	-0.49	0.29	1.33	1.43	1.59	0.36	-0.17	0.35	0.54
RANGE(MAX-MIN)	3.040	3.960	4.730	-0.260	3.830	3.820	-1.020	2.200	0.000	1.850	-2.280	0.810	2.040	1.430	1.580	-0.560	0.000	2.670
MEAN	0.912	0.533	0.059	-0.140	0.399	0.562	0.025	1.928	1.220	0.733	-0.645	1.735	2.450	2.305	0.198	-0.335	0.350	1.946
STANDARD DEVIATION	1.097	2.017	1.312	0.184	1.971	1.575	1.277	0.691	0.000	1.060	1.390	0.573	1.442	1.011	1.333	0.356	0.000	0.862

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Rater= Parvaz, Ibrar

YI Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	G1TOT	G2TOT	G3TOT	G4TOT	I2TOT	I3TOT	I4TOT	TGF	USTOT	I1TOT	UCTOT	SGF	TLHC	TLEC	THTOT	ATTOT	OCTOT	PSV
A1-SQUARE CUT																		
A2-KEYSTONE																		
A3-C13-STYLE																		
A4-SQUARE CUT																		
A5-SEQUENCE III																		
A6-ARTICULATED 2-PIECE																		
A7-SEQUENCE III																		
A8-SEQUENCE III																		
B1-SQUARE CUT	-0.12	1.09	1.74	1.21	-0.16	-0.51	-0.72	0.03										
B2-KEYSTONE	1.24	-0.82	-0.48		-0.09	-0.46		-0.54	0.42	-0.47	-0.66	-1.38	0.00	-0.34				
B3-C13-STYLE	-0.75	-0.02	0.71		0.34	-0.10	0.06			1.13								
B4-SQUARE CUT	-0.34	1.52	0.15	0.05	0.95	-0.17	-0.23	-0.12										
B5-SEQUENCE III	-0.28	-0.04	-0.24		-0.27	1.18					0.08				-0.36	-0.12		
B6-ARTICULATED 2-PIECE	-1.37	-0.04	-0.79		0.51	0.27	0.76	-1.04		-0.79		-0.61	-0.85	-0.84			-0.32	
B7-SEQUENCE III	-0.18	0.96	-0.35		0.22	-0.25					0.66				-0.22	-0.06		
B8-SEQUENCE III	0.33	-0.17	1.94		0.09	-0.13					0.69				-0.52	-0.04		
C1-SQUARE CUT																		
C2-KEYSTONE																		
C3-C13-STYLE																		
C4-SQUARE CUT																		
C5-SEQUENCE III																		
C6-ARTICULATED 2-PIECE																		
C7-SEQUENCE III																		
C8-SEQUENCE III																		
CAL-A-CALIBRATION PISTON																		
CAL-B-CALIBRATION PISTON	0.44	0.29	3.14		1.72	0.07		-0.94										
CAL-C-CALIBRATION PISTON																		
CAL-D-CALIBRATION PISTON	0.00	-0.16	-0.13		0.88	0.33		-0.54										
CAL-N-CAL DV4 PISTON	0.04	0.12	-0.32		0.41	-0.29												
CAL-W-CAL FIELD PISTON	0.51	0.16	-0.18		0.62	-0.27									0.36	1.28		
E1-4-1-CAL. SEQ V PISTONS																		2.45
E1-4-2-CAL. SEQ V PISTONS																		2.37
E1-4-3-CAL. SEQ V PISTONS																		0.90
E1-4-4-CAL. SEQ V PISTONS																		2.45
F1-4-1-CAL. SEQ V PISTONS																		
F1-4-2-CAL. SEQ V PISTONS																		
F1-4-3-CAL. SEQ V PISTONS																		
F1-4-4-CAL. SEQ V PISTONS																		
G1-4-1-CAL. SEQ V PISTONS																		1.85
G1-4-2-CAL. SEQ V PISTONS																		0.75
G1-4-3-CAL. SEQ V PISTONS																		2.10
G1-4-4-CAL. SEQ V PISTONS																		0.53
Q1-8-1-SEQ V PISTONS																		-0.32
Q1-8-2-SEQ V PISTONS																		-0.02
Q1-8-3-SEQ V PISTONS																		0.47
Q1-8-4-SEQ V PISTONS																		-0.20
Q1-8-5-SEQ V PISTONS																		-0.15
Q1-8-6-SEQ V PISTONS																		0.16
Q1-8-7-SEQ V PISTONS																		0.23
Q1-8-8-SEQ V PISTONS																		0.05
R1-8-1-SEQ V PISTONS																		
R1-8-2-SEQ V PISTONS																		
R1-8-3-SEQ V PISTONS																		
R1-8-4-SEQ V PISTONS																		
R1-8-5-SEQ V PISTONS																		
R1-8-6-SEQ V PISTONS																		
R1-8-7-SEQ V PISTONS																		
R1-8-8-SEQ V PISTONS																		
S1-8-1-SEQ V PISTONS																		-0.17
S1-8-2-SEQ V PISTONS																		-0.73
S1-8-3-SEQ V PISTONS																		-0.27
S1-8-4-SEQ V PISTONS																		-0.44
S1-8-5-SEQ V PISTONS																		-0.02
S1-8-6-SEQ V PISTONS																		-0.40
S1-8-7-SEQ V PISTONS																		-0.21
S1-8-8-SEQ V PISTONS																		-0.34
T1-FIELD PISTON	0.67	-0.87	0.81		2.25	1.01									1.44	1.89		
U1-FIELD PISTON																		
V1-FIELD PISTON	0.78	0.16	-0.48		0.78	0.31									-0.47	0.20		
X1-DV4 PISTON	-1.62	-0.81	-0.38		0.73	-0.14												
Y1-DV4 PISTON																		
Z1-DV4 PISTON	-0.48	0.19	-0.14		-1.24	0.54												
MAXIMUM	-1.62	1.52	3.14	1.21	2.25	1.18	0.76	-1.04	0.42	1.13	0.69	-1.38	-0.85	-0.84	1.44	1.89	-0.32	2.45
MINIMUM	0.00	-0.02	-0.13	0.05	-0.09	0.07	0.06	0.03	0.42	-0.47	0.08	-0.61	0.00	-0.34	-0.22	-0.04	-0.32	-0.02
RANGE(MAX-MIN)	-1.620	1.540	3.270	1.160	2.340	1.110	0.700	-1.070	0.000	1.600	0.610	-0.770	-0.850	-0.500	1.660	1.930	0.000	2.470
MEAN	-0.071	0.098	0.313	0.630	0.484	0.087	-0.033	-0.525	0.420	-0.043	0.193	-0.995	-0.425	-0.590	0.038	0.525	-0.320	0.460
STANDARD DEVIATION	0.758	0.663	1.091	0.820	0.805	0.492	0.619	0.427	0.000	1.029	0.634	0.544	0.601	0.354	0.757	0.850	0.000	1.014

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Rater= Pitta, Jimmy

YI Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	G1TOT	G2TOT	G3TOT	G4TOT	I2TOT	I3TOT	I4TOT	TGF	USTOT	I1TOT	UCTOT	SGF	TLHC	TLEC	THTOT	ATTOT	OCTOT	PSV
A1-SQUARE CUT																		
A2-KEYSTONE																		
A3-C13-STYLE																		
A4-SQUARE CUT																		
A5-SEQUENCE III																		
A6-ARTICULATED 2-PIECE																		
A7-SEQUENCE III																		
A8-SEQUENCE III																		
B1-SQUARE CUT																		
B2-KEYSTONE																		
B3-C13-STYLE																		
B4-SQUARE CUT																		
B5-SEQUENCE III																		
B6-ARTICULATED 2-PIECE																		
B7-SEQUENCE III																		
B8-SEQUENCE III																		
C1-SQUARE CUT	-0.50	-0.79	-0.70	-0.66	0.23	-0.64	0.16	0.38										
C2-KEYSTONE	3.18	0.00	0.83	-0.66	-0.22	0.47	1.22	-0.32	2.08	0.95	0.78	-0.27	-0.50					
C3-C13-STYLE	0.43	1.54	0.11	-0.11	0.00	0.31	0.17	0.22		0.53								
C4-SQUARE CUT	-0.88	-0.38	-0.16	-0.74	0.62	0.06	0.17	0.22										
C5-SEQUENCE III	0.72	-0.22	-0.75	-0.41	-0.03	-0.41	-0.03				0.00				0.46	1.49		
C6-ARTICULATED 2-PIECE	0.31	0.32	0.62	0.84	-0.06	0.21	1.01			-1.16		0.56	-1.26	-0.61			-0.36	
C7-SEQUENCE III	1.21	0.17	0.20	-0.25	-0.20						0.37				0.41	-0.83		
C8-SEQUENCE III	1.52	-0.38	-0.05	-0.14	-0.18						0.65				0.36	0.49		
CAL-A-CALIBRATION PISTON																		
CAL-B-CALIBRATION PISTON																		
CAL-C-CALIBRATION PISTON	-0.59	-0.06	-1.09		-0.16	-0.36		-0.22										
CAL-D-CALIBRATION PISTON	0.26	-0.31	-0.23		-0.50	0.74		-0.42										
CAL-N-CAL DV4 PISTON																		
CAL-W-CAL FIELD PISTON																		
E1-4-1-CAL. SEQ V PISTONS																		
E1-4-2-CAL. SEQ V PISTONS																		
E1-4-3-CAL. SEQ V PISTONS																		
E1-4-4-CAL. SEQ V PISTONS																		
F1-4-1-CAL. SEQ V PISTONS																		
F1-4-2-CAL. SEQ V PISTONS																		
F1-4-3-CAL. SEQ V PISTONS																		
F1-4-4-CAL. SEQ V PISTONS																		
G1-4-1-CAL. SEQ V PISTONS																		
G1-4-2-CAL. SEQ V PISTONS																		
G1-4-3-CAL. SEQ V PISTONS																		
G1-4-4-CAL. SEQ V PISTONS																		
Q1-8-1-SEQ V PISTONS																		
Q1-8-2-SEQ V PISTONS																		
Q1-8-3-SEQ V PISTONS																		
Q1-8-4-SEQ V PISTONS																		
Q1-8-5-SEQ V PISTONS																		
Q1-8-6-SEQ V PISTONS																		
Q1-8-7-SEQ V PISTONS																		
Q1-8-8-SEQ V PISTONS																		
R1-8-1-SEQ V PISTONS																		
R1-8-2-SEQ V PISTONS																		
R1-8-3-SEQ V PISTONS																		
R1-8-4-SEQ V PISTONS																		
R1-8-5-SEQ V PISTONS																		
R1-8-6-SEQ V PISTONS																		
R1-8-7-SEQ V PISTONS																		
R1-8-8-SEQ V PISTONS																		
S1-8-1-SEQ V PISTONS																		
S1-8-2-SEQ V PISTONS																		
S1-8-3-SEQ V PISTONS																		
S1-8-4-SEQ V PISTONS																		
S1-8-5-SEQ V PISTONS																		
S1-8-6-SEQ V PISTONS																		
S1-8-7-SEQ V PISTONS																		
S1-8-8-SEQ V PISTONS																		
T1-FIELD PISTON																		
U1-FIELD PISTON																		
V1-FIELD PISTON																		
X1-DV4 PISTON																		
Y1-DV4 PISTON																		
Z1-DV4 PISTON																		
MAXIMUM	3.18	1.54	-1.09	-0.74	0.84	0.74	0.31	1.22	-0.32	2.08	0.95	0.78	-1.26	-0.61	0.46	1.49	-0.36	
MINIMUM	0.26	0.00	-0.05	-0.66	-0.11	0.00	0.16	0.22	-0.32	0.53	0.00	0.56	-0.27	-0.50	0.36	0.49	-0.36	
RANGE(MAX-MIN)	2.920	1.540	-1.040	-0.080	0.950	0.740	0.150	1.000	0.000	1.550	0.950	0.220	-0.990	-0.110	0.100	1.000	0.000	
MEAN	0.566	-0.011	-0.122	-0.700	-0.010	-0.020	0.213	0.365	-0.320	0.483	0.493	0.670	-0.765	-0.555	0.410	0.383	-0.360	
STANDARD DEVIATION	1.198	0.629	0.605	0.057	0.438	0.392	0.068	0.652	0.000	1.621	0.405	0.156	0.700	0.078	0.050	1.164	0.000	

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Rater= Potocar, William P

YI Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	G1IOT	G2TOT	G3IOT	G4IOT	I2TOT	I3TOT	I4IOT	TGF	USTOT	I1TOT	UCTOT	SGF	TLHC	TLEC	THTOT	ATTOT	OCTOT	PSV
A1-SQUARE CUT	-0.22	0.06	0.24	-0.32	-0.61	-0.13	-0.18	-1.43										
A2-KEYSTONE	-0.55	0.83	0.65		0.20	-0.60		-0.69	-0.68	-1.06	-1.27	-0.19	0.00	1.94				
A3-C13-STYLE	-0.67	-0.61	0.05		1.73	0.27	0.97			0.15								
A4-SQUARE CUT	-0.82	-1.48	-0.16	-0.11	-0.01	-0.23	-0.52	-0.09										
A5-SEQUENCE III	0.29	-0.62	0.62		0.20	-0.46					0.83				1.97	1.24		
A6-ARTICULATED 2-PIECE	0.35	2.63	0.45		-0.43	0.99	0.86	-0.51		-1.48		-0.71	-0.48	-0.41			0.70	
A7-SEQUENCE III	1.46	-0.29	-0.13		1.13	0.20					0.53				1.94	1.09		
A8-SEQUENCE III	0.89	-0.05	1.15		-0.66	-0.31					0.67				0.72	0.69		
B1-SQUARE CUT																		
B2-KEYSTONE																		
B3-C13-STYLE																		
B4-SQUARE CUT																		
B5-SEQUENCE III																		
B6-ARTICULATED 2-PIECE																		
B7-SEQUENCE III																		
B8-SEQUENCE III																		
C1-SQUARE CUT																		
C2-KEYSTONE																		
C3-C13-STYLE																		
C4-SQUARE CUT																		
C5-SEQUENCE III																		
C6-ARTICULATED 2-PIECE																		
C7-SEQUENCE III																		
C8-SEQUENCE III																		
CAL-A-CALIBRATION PISTON	-0.37	1.02	-1.09		-0.29	0.79		-0.12										
CAL-B-CALIBRATION PISTON	-0.21	0.28	-0.63		-0.87	0.85		0.25										
CAL-C-CALIBRATION PISTON																		
CAL-D-CALIBRATION PISTON																		
CAL-N-CAL DV4 PISTON	-0.82	-0.43	-0.34		-1.52	-0.30												
CAL-W-CAL FIELD PISTON	-0.24	-0.29	0.00		-0.40	-0.14									0.47	0.41		
E1-4-1-CAL. SEQ V PISTONS																		1.30
E1-4-2-CAL. SEQ V PISTONS																		1.80
E1-4-3-CAL. SEQ V PISTONS																		2.07
E1-4-4-CAL. SEQ V PISTONS																		1.49
F1-4-1-CAL. SEQ V PISTONS																		0.96
F1-4-2-CAL. SEQ V PISTONS																		-0.34
F1-4-3-CAL. SEQ V PISTONS																		-1.25
F1-4-4-CAL. SEQ V PISTONS																		-1.55
G1-4-1-CAL. SEQ V PISTONS																		
G1-4-2-CAL. SEQ V PISTONS																		
G1-4-3-CAL. SEQ V PISTONS																		
G1-4-4-CAL. SEQ V PISTONS																		
Q1-8-1-SEQ V PISTONS																		-0.16
Q1-8-2-SEQ V PISTONS																		-0.25
Q1-8-3-SEQ V PISTONS																		-0.26
Q1-8-4-SEQ V PISTONS																		-0.01
Q1-8-5-SEQ V PISTONS																		-0.30
Q1-8-6-SEQ V PISTONS																		-0.14
Q1-8-7-SEQ V PISTONS																		-0.06
Q1-8-8-SEQ V PISTONS																		-0.15
R1-8-1-SEQ V PISTONS																		
R1-8-2-SEQ V PISTONS																		
R1-8-3-SEQ V PISTONS																		
R1-8-4-SEQ V PISTONS																		
R1-8-5-SEQ V PISTONS																		
R1-8-6-SEQ V PISTONS																		
R1-8-7-SEQ V PISTONS																		
R1-8-8-SEQ V PISTONS																		
S1-8-1-SEQ V PISTONS																		
S1-8-2-SEQ V PISTONS																		
S1-8-3-SEQ V PISTONS																		
S1-8-4-SEQ V PISTONS																		
S1-8-5-SEQ V PISTONS																		
S1-8-6-SEQ V PISTONS																		
S1-8-7-SEQ V PISTONS																		
S1-8-8-SEQ V PISTONS																		
T1-FIELD PISTON	0.40	1.13	-0.59		-1.44	-0.39									1.16	1.62		
U1-FIELD PISTON	1.05	-0.42	-0.03		-0.36	-0.19									-0.13	0.55		
V1-FIELD PISTON																		
X1-DV4 PISTON	0.36	-0.35	-0.80		-0.59	-0.14												
Y1-DV4 PISTON	-0.28	0.77	-0.36		-0.80	-0.31												
Z1-DV4 PISTON																		
MAXIMUM	1.46	2.63	1.15	-0.32	1.73	0.99	0.97	-1.43	-0.68	-1.48	-1.27	-0.71	-0.48	1.94	1.97	1.62	0.70	2.07
MINIMUM	-0.21	-0.05	0.00	-0.11	-0.01	-0.13	-0.18	-0.09	-0.68	0.15	0.53	-0.19	0.00	-0.41	-0.13	0.41	0.70	-0.01
RANGE(MAX-MIN)	1.670	2.680	1.150	-0.210	1.740	1.120	1.150	-1.340	0.000	-1.630	-1.800	-0.520	-0.480	2.350	2.100	1.210	0.000	2.080
MEAN	0.039	0.136	-0.061	-0.215	-0.295	-0.006	0.283	-0.432	-0.680	-0.797	0.190	-0.450	-0.240	0.765	1.022	0.933	0.700	0.197
STANDARD DEVIATION	0.681	0.963	0.588	0.148	0.835	0.489	0.745	0.591	0.000	0.846	0.981	0.368	0.339	1.662	0.835	0.463	0.000	1.036

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Rater= Reese, Kyle

YI Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	G1TOT	G2TOT	G3TOT	G4TOT	I2TOT	I3TOT	I4TOT	TGF	USTOT	I1TOT	UCTOT	SGF	TLHC	TLEC	THTOT	ATTOT	OCTOT	PSV
A1-SQUARE CUT																		
A2-KEYSTONE																		
A3-C13-STYLE																		
A4-SQUARE CUT																		
A5-SEQUENCE III																		
A6-ARTICULATED 2-PIECE																		
A7-SEQUENCE III																		
A8-SEQUENCE III																		
B1-SQUARE CUT	0.18	0.54	-0.06	-0.06	-2.22	-0.51	0.84	0.88										
B2-KEYSTONE	1.24	1.86	0.06		0.00	-0.70		-1.12	0.82	-0.75	1.59	0.64	0.00	-0.34				
B3-C13-STYLE	0.24	-0.31	-0.71		1.45	-1.44	-1.60			-2.44								
B4-SQUARE CUT	0.05	0.58	-0.44	-0.35	-1.61	-0.58	0.47	-0.96										
B5-SEQUENCE III	-0.23	3.87	2.79		3.50	-3.07					0.27				-0.41	-0.12		
B6-ARTICULATED 2-PIECE	1.02	2.31	-0.98		0.69	-1.76	-1.76	-0.12		1.85		-1.38	1.72	2.53			-0.06	
B7-SEQUENCE III	-2.28	-0.64	1.51		2.96	3.02					-0.27				-0.64	-0.46		
B8-SEQUENCE III	0.85	1.91	0.89		-0.40	3.01					-1.89				0.63	-0.62		
C1-SQUARE CUT																		
C2-KEYSTONE																		
C3-C13-STYLE																		
C4-SQUARE CUT																		
C5-SEQUENCE III																		
C6-ARTICULATED 2-PIECE																		
C7-SEQUENCE III																		
C8-SEQUENCE III																		
CAL-A-CALIBRATION PISTON	0.91	-0.87	-0.24		-1.28	0.32		-1.13										
CAL-B-CALIBRATION PISTON																		
CAL-C-CALIBRATION PISTON	0.61	-0.83	-0.03		-1.36	-0.51		-0.61										
CAL-D-CALIBRATION PISTON																		
CAL-N-CAL DV4 PISTON	-0.01	-0.21	-0.33		0.83	-0.92												
CAL-W-CAL FIELD PISTON	0.59	-0.05	-0.62		0.00	0.08									0.24	1.19		
E1-4-1-CAL. SEQ V PISTONS																		-1.53
E1-4-2-CAL. SEQ V PISTONS																		-1.43
E1-4-3-CAL. SEQ V PISTONS																		0.95
E1-4-4-CAL. SEQ V PISTONS																		-0.04
F1-4-1-CAL. SEQ V PISTONS																		
F1-4-2-CAL. SEQ V PISTONS																		
F1-4-3-CAL. SEQ V PISTONS																		
F1-4-4-CAL. SEQ V PISTONS																		
G1-4-1-CAL. SEQ V PISTONS																		0.85
G1-4-2-CAL. SEQ V PISTONS																		3.90
G1-4-3-CAL. SEQ V PISTONS																		2.47
G1-4-4-CAL. SEQ V PISTONS																		2.81
Q1-8-1-SEQ V PISTONS																		
Q1-8-2-SEQ V PISTONS																		
Q1-8-3-SEQ V PISTONS																		
Q1-8-4-SEQ V PISTONS																		
Q1-8-5-SEQ V PISTONS																		
Q1-8-6-SEQ V PISTONS																		
Q1-8-7-SEQ V PISTONS																		
Q1-8-8-SEQ V PISTONS																		
R1-8-1-SEQ V PISTONS																		
R1-8-2-SEQ V PISTONS																		
R1-8-3-SEQ V PISTONS																		
R1-8-4-SEQ V PISTONS																		
R1-8-5-SEQ V PISTONS																		
R1-8-6-SEQ V PISTONS																		
R1-8-7-SEQ V PISTONS																		
R1-8-8-SEQ V PISTONS																		
S1-8-1-SEQ V PISTONS																		
S1-8-2-SEQ V PISTONS																		
S1-8-3-SEQ V PISTONS																		
S1-8-4-SEQ V PISTONS																		
S1-8-5-SEQ V PISTONS																		
S1-8-6-SEQ V PISTONS																		
S1-8-7-SEQ V PISTONS																		
S1-8-8-SEQ V PISTONS																		
T1-FIELD PISTON																		
U1-FIELD PISTON																		
V1-FIELD PISTON																		
X1-DV4 PISTON																		
Y1-DV4 PISTON																		
Z1-DV4 PISTON																		
MAXIMUM	-2.28	3.87	2.79	-0.35	3.50	-3.07	-1.76	-1.13	0.82	-2.44	-1.89	-1.38	1.72	2.53	-0.64	1.19	-0.06	3.90
MINIMUM	-0.01	-0.05	-0.03	-0.06	0.00	0.08	0.47	-0.12	0.82	-0.75	0.27	0.64	0.00	-0.34	0.24	-0.12	-0.06	-0.04
RANGE(MAX-MIN)	-2.270	3.920	2.820	-0.290	3.500	-3.150	-2.230	-1.010	0.000	-1.690	-2.160	-2.020	1.720	2.870	-0.880	1.310	0.000	3.940
MEAN	0.264	0.680	0.153	-0.205	0.213	-0.255	-0.513	-0.510	0.820	-0.447	-0.075	-0.370	0.860	1.095	-0.045	-0.003	-0.060	0.998
STANDARD DEVIATION	0.922	1.492	1.078	0.205	1.781	1.766	1.358	0.781	0.000	2.161	1.440	1.428	1.216	2.029	0.584	0.822	0.000	1.973

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Rater= Richards, Craig

YI Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	G1TOT	G2TOT	G3TOT	G4TOT	I2TOT	I3TOT	I4TOT	TGF	USTOT	I1TOT	UCTOT	SGF	TLHC	TLEC	THTOT	ATTOT	OCTOT	PSV
A1-SQUARE CUT																		
A2-KEYSTONE																		
A3-C13-STYLE																		
A4-SQUARE CUT																		
A5-SEQUENCE III																		
A6-ARTICULATED 2-PIECE																		
A7-SEQUENCE III																		
A8-SEQUENCE III																		
B1-SQUARE CUT																		
B2-KEYSTONE																		
B3-C13-STYLE																		
B4-SQUARE CUT																		
B5-SEQUENCE III																		
B6-ARTICULATED 2-PIECE																		
B7-SEQUENCE III																		
B8-SEQUENCE III																		
C1-SQUARE CUT	0.19	0.64	0.46	0.60	-0.13	-0.15	-0.90	1.74										
C2-KEYSTONE	-0.20	-1.20	-2.50		-0.38	-2.79		0.23	-1.54	-2.25	-1.82	-1.30	-0.27	-0.50				
C3-C13-STYLE	-0.18	-1.93	-1.95		-1.21	-0.97	-1.41			-0.08								
C4-SQUARE CUT	-1.23	-0.93	-0.16	0.27	-1.44	-0.88	-0.54	-1.93										
C5-SEQUENCE III	-0.17	-0.12	-1.71		0.34	0.47					-2.40				-1.97	0.21		
C6-ARTICULATED 2-PIECE	-0.84	-1.58	-1.55		-2.73	-1.90	-1.23	0.13		-1.07		-0.33	-1.39	2.57			-0.29	
C7-SEQUENCE III	1.94	-0.81	1.81		0.26	-0.36					-0.73				2.19	2.79		
C8-SEQUENCE III	0.92	-0.38	-1.81		-0.22	-0.22					0.30				-0.76	-0.48		
CAL-A-CALIBRATION PISTON	-0.21	-2.44	1.25		3.47	-2.64		-1.89										
CAL-B-CALIBRATION PISTON																		
CAL-C-CALIBRATION PISTON																		
CAL-D-CALIBRATION PISTON	1.42	2.96	0.84		2.92	-1.87		0.29										
CAL-N-CAL DV4 PISTON	0.61	-0.21	-0.33		-0.11	1.35												
CAL-W-CAL FIELD PISTON	-2.03	-1.17	-0.69		-1.39	-1.27									0.52	0.15		
E1-4-1-CAL. SEQ V PISTONS																		
E1-4-2-CAL. SEQ V PISTONS																		
E1-4-3-CAL. SEQ V PISTONS																		
E1-4-4-CAL. SEQ V PISTONS																		
F1-4-1-CAL. SEQ V PISTONS																		-0.96
F1-4-2-CAL. SEQ V PISTONS																		-0.04
F1-4-3-CAL. SEQ V PISTONS																		1.95
F1-4-4-CAL. SEQ V PISTONS																		1.18
G1-4-1-CAL. SEQ V PISTONS																		0.96
G1-4-2-CAL. SEQ V PISTONS																		-0.12
G1-4-3-CAL. SEQ V PISTONS																		0.59
G1-4-4-CAL. SEQ V PISTONS																		1.24
Q1-8-1-SEQ V PISTONS																		
Q1-8-2-SEQ V PISTONS																		
Q1-8-3-SEQ V PISTONS																		
Q1-8-4-SEQ V PISTONS																		
Q1-8-5-SEQ V PISTONS																		
Q1-8-6-SEQ V PISTONS																		
Q1-8-7-SEQ V PISTONS																		
Q1-8-8-SEQ V PISTONS																		
R1-8-1-SEQ V PISTONS																		1.22
R1-8-2-SEQ V PISTONS																		0.92
R1-8-3-SEQ V PISTONS																		1.55
R1-8-4-SEQ V PISTONS																		1.45
R1-8-5-SEQ V PISTONS																		1.24
R1-8-6-SEQ V PISTONS																		0.91
R1-8-7-SEQ V PISTONS																		1.78
R1-8-8-SEQ V PISTONS																		1.49
S1-8-1-SEQ V PISTONS																		1.77
S1-8-2-SEQ V PISTONS																		0.17
S1-8-3-SEQ V PISTONS																		2.21
S1-8-4-SEQ V PISTONS																		1.28
S1-8-5-SEQ V PISTONS																		0.55
S1-8-6-SEQ V PISTONS																		1.83
S1-8-7-SEQ V PISTONS																		0.70
S1-8-8-SEQ V PISTONS																		0.47
T1-FIELD PISTON																		
U1-FIELD PISTON	-1.54	-0.31	-0.81		-0.32	-0.17									1.31	1.33		
V1-FIELD PISTON	-0.13	-2.81	1.69		-0.20	0.34									0.89	1.95		
X1-DV4 PISTON																		
Y1-DV4 PISTON	-0.40	0.17	3.53		-0.74	0.91												
Z1-DV4 PISTON	-0.42	-1.99	0.10		-0.43	0.82												
MAXIMUM	-2.03	2.96	3.53	0.60	3.47	-2.79	-1.41	-1.93	-1.54	-2.25	-2.40	-1.30	-1.39	2.57	2.19	2.79	-0.29	2.21
MINIMUM	-0.13	-0.12	0.10	0.27	-0.11	-0.15	-0.54	0.13	-1.54	-0.08	0.30	-0.33	-0.27	-0.50	0.52	0.15	-0.29	-0.04
RANGE(MAX-MIN)	-1.900	3.080	3.430	0.330	3.580	-2.640	-0.870	-2.060	0.000	-2.170	-2.700	-0.970	-1.120	3.070	1.670	2.640	0.000	2.250
MEAN	-0.142	-0.757	-0.114	0.435	-0.144	-1.020	-0.238	-1.540	-1.020	-1.133	-1.163	-0.815	-0.830	1.035	0.363	0.992	-0.290	1.014
STANDARD DEVIATION	1.030	1.383	1.649	0.233	1.515	1.255	0.383	1.424	0.000	1.086	1.196	0.686	0.792	2.171	1.499	1.245	0.000	0.749

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Rater= Rodriguez, Jesus (Jesse)

YI Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	G1IOT	G2TOT	G3IOT	G4IOT	I2TOT	I3TOT	I4IOT	TGF	USTOT	I1TOT	UCTOT	SGF	TLHC	TLEC	THTOT	ATTOT	OCTOT	PSV
A1-SQUARE CUT	-1.40	-1.30	-0.24	-0.32	-1.34	0.35	0.96	-0.62										
A2-KEYSTONE	0.80	-0.26	-0.41		-0.56	-1.43		-0.69	0.72	2.17	0.07	1.79	0.00	-0.43				
A3-C13-STYLE	-0.02	0.49	-0.08		-1.66	0.42	-0.51			0.03								
A4-SQUARE CUT	0.12	-0.02	-0.16	-0.28		0.83	-0.23	-0.16	-0.89									
A5-SEQUENCE III	-0.37	-0.77	-0.07		-0.93	-0.81					0.38				0.64	0.70		
A6-ARTICULATED 2-PIECE	-0.88	0.92	-0.33		0.14	0.48	-1.04	0.32		1.40		0.00	1.61	-0.41			-0.82	
A7-SEQUENCE III	0.56	-0.29	-0.13		0.83	-0.68					-0.16				-1.80	-0.35		
A8-SEQUENCE III	0.26	-0.94	-1.28		-0.14	0.66					0.28				0.11	-0.18		
B1-SQUARE CUT																		
B2-KEYSTONE																		
B3-C13-STYLE																		
B4-SQUARE CUT																		
B5-SEQUENCE III																		
B6-ARTICULATED 2-PIECE																		
B7-SEQUENCE III																		
B8-SEQUENCE III																		
C1-SQUARE CUT																		
C2-KEYSTONE																		
C3-C13-STYLE																		
C4-SQUARE CUT																		
C5-SEQUENCE III																		
C6-ARTICULATED 2-PIECE																		
C7-SEQUENCE III																		
C8-SEQUENCE III																		
CAL-A-CALIBRATION PISTON																		
CAL-B-CALIBRATION PISTON	-0.17	0.78	-0.21		-0.32	0.23		-1.28										
CAL-C-CALIBRATION PISTON	-0.21	0.30	0.61		-0.23	0.11		-0.51										
CAL-D-CALIBRATION PISTON																		
CAL-N-CAL DV4 PISTON	-0.75	-0.39	-0.32		-0.11	-0.33												
CAL-W-CAL FIELD PISTON	-0.24	-0.29	-0.01		-0.41	-0.09									0.27	0.42		
E1-4-1-CAL. SEQ V PISTONS																		-0.06
E1-4-2-CAL. SEQ V PISTONS																		-1.26
E1-4-3-CAL. SEQ V PISTONS																		1.38
E1-4-4-CAL. SEQ V PISTONS																		-1.25
F1-4-1-CAL. SEQ V PISTONS																		
F1-4-2-CAL. SEQ V PISTONS																		
F1-4-3-CAL. SEQ V PISTONS																		
F1-4-4-CAL. SEQ V PISTONS																		
G1-4-1-CAL. SEQ V PISTONS																		0.31
G1-4-2-CAL. SEQ V PISTONS																		-0.37
G1-4-3-CAL. SEQ V PISTONS																		0.46
G1-4-4-CAL. SEQ V PISTONS																		0.11
Q1-8-1-SEQ V PISTONS																		0.40
Q1-8-2-SEQ V PISTONS																		0.45
Q1-8-3-SEQ V PISTONS																		0.64
Q1-8-4-SEQ V PISTONS																		0.16
Q1-8-5-SEQ V PISTONS																		-0.11
Q1-8-6-SEQ V PISTONS																		0.08
Q1-8-7-SEQ V PISTONS																		0.20
Q1-8-8-SEQ V PISTONS																		0.38
R1-8-1-SEQ V PISTONS																		-0.25
R1-8-2-SEQ V PISTONS																		-0.31
R1-8-3-SEQ V PISTONS																		-0.31
R1-8-4-SEQ V PISTONS																		0.04
R1-8-5-SEQ V PISTONS																		-0.22
R1-8-6-SEQ V PISTONS																		-0.02
R1-8-7-SEQ V PISTONS																		-0.08
R1-8-8-SEQ V PISTONS																		-0.08
S1-8-1-SEQ V PISTONS																		
S1-8-2-SEQ V PISTONS																		
S1-8-3-SEQ V PISTONS																		
S1-8-4-SEQ V PISTONS																		
S1-8-5-SEQ V PISTONS																		
S1-8-6-SEQ V PISTONS																		
S1-8-7-SEQ V PISTONS																		
S1-8-8-SEQ V PISTONS																		
T1-FIELD PISTON	-2.83	1.13	0.52		-0.48	0.33									1.03	0.25		
U1-FIELD PISTON	-0.50	-0.49	2.66		-0.32	-0.21									-0.36	1.02		
V1-FIELD PISTON																		
X1-DV4 PISTON	-0.92	0.20	0.04		-0.10	-0.14												
Y1-DV4 PISTON	-0.28	-0.24	-0.42		-0.74	-0.14												
Z1-DV4 PISTON																		
MAXIMUM	-2.83	-1.30	2.66	-0.32	-1.66	-1.43	-1.04	-1.28	0.72	2.17	0.38	1.79	1.61	-0.43	-1.80	1.02	-0.82	1.38
MINIMUM	-0.02	-0.02	-0.01	-0.28	-0.10	-0.09	-0.16	0.32	0.72	0.03	0.07	0.00	0.00	-0.41	0.11	-0.18	-0.82	-0.02
RANGE(MAX-MIN)	-2.810	-1.280	2.670	-0.040	-1.560	-1.340	-0.880	-1.600	0.000	2.140	0.310	1.790	1.610	-0.020	-1.910	1.200	0.000	1.400
MEAN	-0.427	-0.073	0.011	-0.300	-0.346	-0.093	-0.188	-0.612	0.720	1.200	0.143	0.895	0.805	-0.420	-0.018	0.310	-0.820	0.012
STANDARD DEVIATION	0.851	0.677	0.819	0.028	0.656	0.543	0.846	0.531	0.000	1.084	0.239	1.266	1.138	0.014	0.992	0.519	0.000	0.545

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Rater= Sanchez, Arthur

YI Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	G1TOT	G2TOT	G3TOT	G4TOT	I2TOT	I3TOT	I4TOT	TGF	USTOT	I1TOT	UCTOT	SGF	TLHC	TLEC	THTOT	ATTOT	OCTOT	PSV
A1-SQUARE CUT																		
A2-KEYSTONE																		
A3-C13-STYLE																		
A4-SQUARE CUT																		
A5-SEQUENCE III																		
A6-ARTICULATED 2-PIECE																		
A7-SEQUENCE III																		
A8-SEQUENCE III																		
B1-SQUARE CUT	0.06	-1.33	0.20	-0.55	0.07	-0.51	-0.78	0.20										
B2-KEYSTONE	0.55	0.85	-0.48		-0.09	-0.20		1.30	-0.24	-0.38	-0.68	1.22	0.00	-0.34				
B3-C13-STYLE	1.05	-0.52	-2.09		0.24	-1.06	-0.80			-0.92								
B4-SQUARE CUT	0.46	0.43	-0.57	-0.45	1.04	0.41	0.47	0.27										
B5-SEQUENCE III	-0.32	-0.29	-0.51		0.58	0.60					-0.86				0.34	0.61		
B6-ARTICULATED 2-PIECE	-0.45	1.03	-1.38		-0.62	-1.00	-0.68	0.80		-0.62		0.42	-0.49	-0.17			-1.59	
B7-SEQUENCE III	0.14	-0.07	-1.04		-0.04	-0.30					0.68				0.15	0.19		
B8-SEQUENCE III	-1.04	-0.17	-0.64		1.89	0.55					0.38				-0.72	-0.04		
C1-SQUARE CUT																		
C2-KEYSTONE																		
C3-C13-STYLE																		
C4-SQUARE CUT	1.65	-0.38	-0.37	-0.27	1.67	-0.01	-0.35	0.64										
C5-SEQUENCE III																		
C6-ARTICULATED 2-PIECE																		
C7-SEQUENCE III																		
C8-SEQUENCE III																		
CAL-A-CALIBRATION PISTON																		
CAL-B-CALIBRATION PISTON	0.19	-0.92	1.46		-1.05	0.09		0.93										
CAL-C-CALIBRATION PISTON																		
CAL-D-CALIBRATION PISTON	-0.21	-0.18	-0.41		-0.24	0.02		1.12										
CAL-N-CAL DV4 PISTON	-0.25	-0.46	-0.34		-0.58	-0.37												
CAL-W-CAL FIELD PISTON	0.28	-0.29	-0.14		-0.16	-0.08									-1.12	-0.45		
E1-4-1-CAL. SEQ V PISTONS																		0.25
E1-4-2-CAL. SEQ V PISTONS																		-0.47
E1-4-3-CAL. SEQ V PISTONS																		-1.07
E1-4-4-CAL. SEQ V PISTONS																		-0.17
F1-4-1-CAL. SEQ V PISTONS																		
F1-4-2-CAL. SEQ V PISTONS																		
F1-4-3-CAL. SEQ V PISTONS																		
F1-4-4-CAL. SEQ V PISTONS																		
G1-4-1-CAL. SEQ V PISTONS																		-1.20
G1-4-2-CAL. SEQ V PISTONS																		-0.47
G1-4-3-CAL. SEQ V PISTONS																		0.24
G1-4-4-CAL. SEQ V PISTONS																		-0.64
Q1-8-1-SEQ V PISTONS																		-0.21
Q1-8-2-SEQ V PISTONS																		-0.08
Q1-8-3-SEQ V PISTONS																		-0.42
Q1-8-4-SEQ V PISTONS																		0.04
Q1-8-5-SEQ V PISTONS																		-0.38
Q1-8-6-SEQ V PISTONS																		-0.17
Q1-8-7-SEQ V PISTONS																		0.10
Q1-8-8-SEQ V PISTONS																		-0.15
R1-8-1-SEQ V PISTONS																		-0.48
R1-8-2-SEQ V PISTONS																		-0.45
R1-8-3-SEQ V PISTONS																		-0.36
R1-8-4-SEQ V PISTONS																		-0.39
R1-8-5-SEQ V PISTONS																		-0.59
R1-8-6-SEQ V PISTONS																		-0.43
R1-8-7-SEQ V PISTONS																		-0.11
R1-8-8-SEQ V PISTONS																		-0.20
S1-8-1-SEQ V PISTONS																		
S1-8-2-SEQ V PISTONS																		
S1-8-3-SEQ V PISTONS																		
S1-8-4-SEQ V PISTONS																		
S1-8-5-SEQ V PISTONS																		
S1-8-6-SEQ V PISTONS																		
S1-8-7-SEQ V PISTONS																		
S1-8-8-SEQ V PISTONS																		
T1-FIELD PISTON																		
U1-FIELD PISTON																		
V1-FIELD PISTON																		
X1-DV4 PISTON	0.36	0.94	-0.38		-0.40	-0.14												
Y1-DV4 PISTON	-0.40	-0.24	-0.43		1.18	-0.30												
Z1-DV4 PISTON	-0.51	0.16	0.23		0.83	0.91												
MAXIMUM	1.65	-1.33	-2.09	-0.55	1.89	-1.06	-0.80	1.30	-0.24	-0.92	-0.86	1.22	-0.49	-0.34	-1.12	0.61	-1.59	-1.20
MINIMUM	0.06	-0.07	-0.14	-0.27	-0.04	-0.01	-0.35	0.20	-0.24	-0.38	0.38	0.42	0.00	-0.17	0.15	-0.04	-1.59	0.04
RANGE(MAX-MIN)	1.590	-1.260	-1.950	-0.280	1.930	-1.050	-0.450	1.100	0.000	-0.540	-1.240	0.800	-0.490	-0.170	-1.270	0.650	0.000	-1.240
MEAN	0.098	-0.090	-0.431	-0.423	0.270	-0.087	-0.428	0.751	-0.240	-0.640	0.820	-0.245	-0.255	-0.338	0.078	-1.590	-0.325	
STANDARD DEVIATION	0.652	0.647	0.757	0.142	0.850	0.536	0.533	0.412	0.000	0.271	0.764	0.566	0.346	0.120	0.696	0.443	0.000	0.348

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Rater= Seiz, Ray

YI Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	G1TOT	G2TOT	G3TOT	G4TOT	I2TOT	I3TOT	I4TOT	TGF	USTOT	I1TOT	UCTOT	SGF	TLHC	TLEC	THTOT	ATTOT	OCTOT	PSV
A1-SQUARE CUT																		
A2-KEYSTONE																		
A3-C13-STYLE																		
A4-SQUARE CUT																		
A5-SEQUENCE III																		
A6-ARTICULATED 2-PIECE																		
A7-SEQUENCE III																		
A8-SEQUENCE III																		
B1-SQUARE CUT																		
B2-KEYSTONE																		
B3-C13-STYLE																		
B4-SQUARE CUT																		
B5-SEQUENCE III																		
B6-ARTICULATED 2-PIECE																		
B7-SEQUENCE III																		
B8-SEQUENCE III																		
C1-SQUARE CUT	1.25	-0.44	-0.59	-0.76	0.57	-0.64	-0.24	0.30										
C2-KEYSTONE	-0.10	0.63	-0.49		0.20	1.47		-0.44	-1.62	0.08	1.48	0.07	-0.27	-0.50				
C3-C13-STYLE	0.02	-0.30	1.60		0.89	1.33	0.62			0.56								
C4-SQUARE CUT	1.48	-0.74	-0.49	-0.69	2.62	-1.11	-0.63	0.97										
C5-SEQUENCE III	1.73	0.03	0.55		1.83	0.89					0.62				-0.62	-0.56		
C6-ARTICULATED 2-PIECE	2.07	0.11	0.53		0.60	-0.68	0.22	-0.02		0.55		0.20	0.60	-0.61			0.35	
C7-SEQUENCE III	0.19	-0.20	0.57		2.08	0.67					0.28				-0.67	-0.79		
C8-SEQUENCE III	-1.34	0.78	0.05		0.61	-0.23					-0.02				0.31	-0.04		
CAL-A-CALIBRATION PISTON																		
CAL-B-CALIBRATION PISTON																		
CAL-C-CALIBRATION PISTON	0.07	-0.86	-1.00		0.07	-0.22		-0.80										
CAL-D-CALIBRATION PISTON	0.54	-0.19	-0.29		1.26	-0.84		0.05										
CAL-N-CAL DV4 PISTON	-0.49	-0.27	-0.34		0.41	-0.40												
CAL-W-CAL FIELD PISTON	1.77	-0.32	-0.11		2.30	3.50									0.18	-0.52		
E1-4-1-CAL. SEQ V PISTONS																		
E1-4-2-CAL. SEQ V PISTONS																		
E1-4-3-CAL. SEQ V PISTONS																		
E1-4-4-CAL. SEQ V PISTONS																		
F1-4-1-CAL. SEQ V PISTONS																		1.73
F1-4-2-CAL. SEQ V PISTONS																		1.08
F1-4-3-CAL. SEQ V PISTONS																		2.07
F1-4-4-CAL. SEQ V PISTONS																		0.91
G1-4-1-CAL. SEQ V PISTONS																		-0.05
G1-4-2-CAL. SEQ V PISTONS																		-0.25
G1-4-3-CAL. SEQ V PISTONS																		0.26
G1-4-4-CAL. SEQ V PISTONS																		0.31
Q1-8-1-SEQ V PISTONS																		
Q1-8-2-SEQ V PISTONS																		
Q1-8-3-SEQ V PISTONS																		
Q1-8-4-SEQ V PISTONS																		
Q1-8-5-SEQ V PISTONS																		
Q1-8-6-SEQ V PISTONS																		
Q1-8-7-SEQ V PISTONS																		
Q1-8-8-SEQ V PISTONS																		
R1-8-1-SEQ V PISTONS																		1.68
R1-8-2-SEQ V PISTONS																		1.03
R1-8-3-SEQ V PISTONS																		0.78
R1-8-4-SEQ V PISTONS																		1.42
R1-8-5-SEQ V PISTONS																		0.63
R1-8-6-SEQ V PISTONS																		0.78
R1-8-7-SEQ V PISTONS																		1.28
R1-8-8-SEQ V PISTONS																		1.41
S1-8-1-SEQ V PISTONS																		2.28
S1-8-2-SEQ V PISTONS																		2.15
S1-8-3-SEQ V PISTONS																		1.57
S1-8-4-SEQ V PISTONS																		2.56
S1-8-5-SEQ V PISTONS																		2.94
S1-8-6-SEQ V PISTONS																		2.16
S1-8-7-SEQ V PISTONS																		2.27
S1-8-8-SEQ V PISTONS																		2.89
T1-FIELD PISTON																		
U1-FIELD PISTON	-0.02	-0.13	0.13		0.05	0.35												
V1-FIELD PISTON	1.11	0.56	-1.24		0.39	1.45									-1.41	0.53		
X1-DV4 PISTON															-0.93	-0.35		
Y1-DV4 PISTON	0.31	3.85	-0.62		1.67	-0.31												
Z1-DV4 PISTON	-0.30	1.08	-0.15		0.78	1.46												
MAXIMUM	2.07	3.85	1.60		2.62	3.50	-0.63	0.97	-1.62	0.56	1.48	0.20	0.60	-0.61	-1.41	-0.79	0.35	2.94
MINIMUM	0.02	0.03	0.05	-0.69	0.05	-0.22	0.22	-0.02	-1.62	0.08	-0.02	0.07	-0.27	-0.50	0.18	-0.04	0.35	-0.05
RANGE(MAX-MIN)	2.050	3.820	1.550	-0.070	2.570	3.720	-0.850	0.990	0.000	0.480	1.500	0.130	0.870	-0.110	-1.590	-0.750	0.000	2.990
MEAN	0.518	0.224	-0.118	-0.725	1.021	0.418	-0.008	0.010	-1.620	0.397	0.590	0.135	0.165	-0.555	-0.523	-0.288	0.350	1.412
STANDARD DEVIATION	0.954	1.106	0.695	0.049	0.831	1.215	0.544	0.611	0.000	0.274	0.648	0.092	0.615	0.078	0.659	0.472	0.000	0.895

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Rater= Stremlow, Mike

YI Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	G1TOT	G2TOT	G3TOT	G4TOT	I2TOT	I3TOT	I4TOT	TGF	USTOT	I1TOT	UCTOT	SGF	TLHC	TLEC	THTOT	ATTOT	OCTOT	PSV
A1-SQUARE CUT																		
A2-KEYSTONE																		
A3-C13-STYLE																		
A4-SQUARE CUT																		
A5-SEQUENCE III																		
A6-ARTICULATED 2-PIECE																		
A7-SEQUENCE III																		
A8-SEQUENCE III																		
B1-SQUARE CUT																		
B2-KEYSTONE																		
B3-C13-STYLE																		
B4-SQUARE CUT																		
B5-SEQUENCE III																		
B6-ARTICULATED 2-PIECE																		
B7-SEQUENCE III																		
B8-SEQUENCE III																		
C1-SQUARE CUT	0.64	1.57	1.32	1.71	0.36	0.83	0.16	0.62										
C2-KEYSTONE	0.07	0.67	0.35		-0.02	0.14		0.23	-0.79	-0.30	-0.52	0.86	-0.27	-0.50				
C3-C13-STYLE	0.14	0.80	-0.23		0.28	0.57	-0.35			0.27								
C4-SQUARE CUT	-0.06	-0.29	0.67	2.39	0.13	0.13	0.48	0.55										
C5-SEQUENCE III	-0.40	-0.63	0.67		0.62	-0.02					-0.83				-0.66	1.49		
C6-ARTICULATED 2-PIECE	1.12	0.08	0.10		-0.24	-0.41	-0.30	0.94		0.67		1.61	0.60	-0.39			-0.58	
C7-SEQUENCE III	-1.28	0.17	-0.63		0.24	-0.26					-1.16				1.97	1.17		
C8-SEQUENCE III	0.66	-0.38	-0.22		-0.34	-0.22					-1.28				2.93	3.01		
CAL-A-CALIBRATION PISTON	1.48	-0.15	0.93		-1.80	-1.44		1.40										
CAL-B-CALIBRATION PISTON	-2.81	-0.15	1.46		-0.12	-0.90		1.78										
CAL-C-CALIBRATION PISTON	0.33	0.16	-0.35		4.11	-0.36		1.04										
CAL-D-CALIBRATION PISTON	-1.38	-0.18	-0.36		-0.58	-1.04		1.71										
CAL-N-CAL DV4 PISTON	-0.17	-0.26	1.84		0.17	-0.53												
CAL-W-CAL FIELD PISTON	-0.41	-0.29	-0.28		-0.49	-0.17									-0.24	0.84		
E1-4-1-CAL. SEQ V PISTONS																		
E1-4-2-CAL. SEQ V PISTONS																		
E1-4-3-CAL. SEQ V PISTONS																		
E1-4-4-CAL. SEQ V PISTONS																		
F1-4-1-CAL. SEQ V PISTONS																		
F1-4-2-CAL. SEQ V PISTONS																		
F1-4-3-CAL. SEQ V PISTONS																		
F1-4-4-CAL. SEQ V PISTONS																		
G1-4-1-CAL. SEQ V PISTONS																		
G1-4-2-CAL. SEQ V PISTONS																		
G1-4-3-CAL. SEQ V PISTONS																		
G1-4-4-CAL. SEQ V PISTONS																		
Q1-8-1-SEQ V PISTONS																		2.45
Q1-8-2-SEQ V PISTONS																		1.59
Q1-8-3-SEQ V PISTONS																		2.01
Q1-8-4-SEQ V PISTONS																		2.31
Q1-8-5-SEQ V PISTONS																		1.85
Q1-8-6-SEQ V PISTONS																		2.34
Q1-8-7-SEQ V PISTONS																		2.20
Q1-8-8-SEQ V PISTONS																		2.06
R1-8-1-SEQ V PISTONS																		1.79
R1-8-2-SEQ V PISTONS																		1.96
R1-8-3-SEQ V PISTONS																		2.11
R1-8-4-SEQ V PISTONS																		1.82
R1-8-5-SEQ V PISTONS																		2.31
R1-8-6-SEQ V PISTONS																		2.68
R1-8-7-SEQ V PISTONS																		1.37
R1-8-8-SEQ V PISTONS																		0.44
S1-8-1-SEQ V PISTONS																		
S1-8-2-SEQ V PISTONS																		
S1-8-3-SEQ V PISTONS																		
S1-8-4-SEQ V PISTONS																		
S1-8-5-SEQ V PISTONS																		
S1-8-6-SEQ V PISTONS																		
S1-8-7-SEQ V PISTONS																		
S1-8-8-SEQ V PISTONS																		
T1-FIELD PISTON	1.75	1.53	-0.71		0.40	-0.12									-0.10	-0.28		
U1-FIELD PISTON	0.85	-0.32	-0.76		-0.03	-0.15									0.64	-0.89		
V1-FIELD PISTON																		
X1-DV4 PISTON	2.92	-0.50	1.46		1.51	2.02												
Y1-DV4 PISTON	-0.04	-0.32	-0.15		1.07	0.09												
Z1-DV4 PISTON																		
MAXIMUM	2.92	1.57	1.84	2.39	4.11	2.02	0.48	1.78	-0.79	0.67	-1.28	1.61	0.60	-0.50	2.93	3.01	-0.58	2.68
MINIMUM	-0.04	0.08	0.10	1.71	-0.02	-0.02	0.16	0.23	-0.79	0.27	-0.52	0.86	-0.27	-0.39	-0.10	-0.28	-0.58	0.44
RANGE(MAX-MIN)	2.960	1.490	1.740	0.680	4.130	2.040	0.320	1.550	0.000	0.400	-0.760	0.750	0.870	-0.110	3.030	3.290	0.000	2.240
MEAN	0.189	0.084	0.284	2.050	0.293	-0.102	-0.002	1.034	-0.790	0.213	-0.948	1.235	0.165	-0.445	0.757	0.890	-0.580	1.956
STANDARD DEVIATION	1.281	0.648	0.832	0.481	1.179	0.754	0.395	0.562	0.000	0.487	0.343	0.530	0.615	0.078	1.410	1.376	0.000	0.523

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Rater= Terrado, Ken

YI Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	G1TOT	G2TOT	G3TOT	G4TOT	I2TOT	I3TOT	I4TOT	TGF	USTOT	I1TOT	UCTOT	SGF	TLHC	TLEC	THTOT	ATTOT	OCTOT	PSV
A1-SQUARE CUT																		
A2-KEYSTONE																		
A3-C13-STYLE																		
A4-SQUARE CUT	1.05	-0.60	0.39	0.02	-0.06	0.63	0.42	0.01										
A5-SEQUENCE III																		
A6-ARTICULATED 2-PIECE																		
A7-SEQUENCE III																		
A8-SEQUENCE III																		
B1-SQUARE CUT	0.12	0.56	-0.51	-0.73	1.10	-0.61	-0.46	-0.05										
B2-KEYSTONE																		
B3-C13-STYLE	-0.20	0.19	1.16		0.35	1.75	0.90			1.39								
B4-SQUARE CUT	0.05	-0.75	-0.11	-0.15	1.45	0.12	-0.37	-0.96										
B5-SEQUENCE III	-0.33	-0.33	-0.53		0.01	0.04						0.88			0.05	-0.22		
B6-ARTICULATED 2-PIECE																		
B7-SEQUENCE III																		
B8-SEQUENCE III																		
C1-SQUARE CUT																		
C2-KEYSTONE																		
C3-C13-STYLE																		
C4-SQUARE CUT																		
C5-SEQUENCE III																		
C6-ARTICULATED 2-PIECE																		
C7-SEQUENCE III																		
C8-SEQUENCE III																		
CAL-A-CALIBRATION PISTON	-0.71	-0.47	-0.24		0.36	1.25		0.26										
CAL-B-CALIBRATION PISTON																		
CAL-C-CALIBRATION PISTON	-0.33	-0.14	-0.40		0.07	0.33		0.07										
CAL-D-CALIBRATION PISTON																		
CAL-N-CAL DV4 PISTON																		
CAL-W-CAL FIELD PISTON																		
E1-4-1-CAL. SEQ V PISTONS																		
E1-4-2-CAL. SEQ V PISTONS																		
E1-4-3-CAL. SEQ V PISTONS																		
E1-4-4-CAL. SEQ V PISTONS																		
F1-4-1-CAL. SEQ V PISTONS																		
F1-4-2-CAL. SEQ V PISTONS																		
F1-4-3-CAL. SEQ V PISTONS																		
F1-4-4-CAL. SEQ V PISTONS																		
G1-4-1-CAL. SEQ V PISTONS																		
G1-4-2-CAL. SEQ V PISTONS																		
G1-4-3-CAL. SEQ V PISTONS																		
G1-4-4-CAL. SEQ V PISTONS																		
Q1-8-1-SEQ V PISTONS																		
Q1-8-2-SEQ V PISTONS																		
Q1-8-3-SEQ V PISTONS																		
Q1-8-4-SEQ V PISTONS																		
Q1-8-5-SEQ V PISTONS																		
Q1-8-6-SEQ V PISTONS																		
Q1-8-7-SEQ V PISTONS																		
Q1-8-8-SEQ V PISTONS																		
R1-8-1-SEQ V PISTONS																		
R1-8-2-SEQ V PISTONS																		
R1-8-3-SEQ V PISTONS																		
R1-8-4-SEQ V PISTONS																		
R1-8-5-SEQ V PISTONS																		
R1-8-6-SEQ V PISTONS																		
R1-8-7-SEQ V PISTONS																		
R1-8-8-SEQ V PISTONS																		
S1-8-1-SEQ V PISTONS																		
S1-8-2-SEQ V PISTONS																		
S1-8-3-SEQ V PISTONS																		
S1-8-4-SEQ V PISTONS																		
S1-8-5-SEQ V PISTONS																		
S1-8-6-SEQ V PISTONS																		
S1-8-7-SEQ V PISTONS																		
S1-8-8-SEQ V PISTONS																		
T1-FIELD PISTON																		
U1-FIELD PISTON																		
V1-FIELD PISTON																		
X1-DV4 PISTON																		
Y1-DV4 PISTON																		
Z1-DV4 PISTON																		
MAXIMUM	1.05	-0.75	1.16	-0.73	1.45	1.75	0.90	-0.96		1.39	0.88				0.05	-0.22		
MINIMUM	0.05	-0.14	-0.11	0.02	0.01	0.04	-0.37	0.01		1.39	0.88				0.05	-0.22		
RANGE(MAX-MIN)	1.000	-0.610	1.270	-0.750	1.440	1.710	1.270	-0.970		0.000	0.000				0.000	0.000		
MEAN	-0.050	-0.220	-0.034	-0.287	0.469	0.501	0.123	-0.134		1.390	0.880				0.050	-0.220		
STANDARD DEVIATION	0.557	0.462	0.614	0.393	0.583	0.792	0.652	0.476		0.000	0.000				0.000	0.000		

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Rater= Trevino, Bobby

YI Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	G1IOT	G2TOT	G3IOT	G4IOT	I2TOT	I3TOT	I4IOT	TGF	USTOT	I1TOT	UCTOT	SGF	TLHC	TLEC	THTOT	ATTOT	OCTOT	PSV
A1-SQUARE CUT	-0.71	-0.91	0.04	-0.22	-0.10	-0.30	-0.05	1.47										
A2-KEYSTONE																		
A3-C13-STYLE																		
A4-SQUARE CUT																		
A5-SEQUENCE III	-0.56	-0.67	-0.03		-0.13	0.71					-0.40				0.23	0.05		
A6-ARTICULATED 2-PIECE	-1.31	-0.81	2.03		-0.21	1.27	1.74	-1.35		-0.05		-0.71	-0.18	-0.41			1.11	
A7-SEQUENCE III																		
A8-SEQUENCE III																		
B1-SQUARE CUT																		
B2-KEYSTONE																		
B3-C13-STYLE																		
B4-SQUARE CUT																		
B5-SEQUENCE III																		
B6-ARTICULATED 2-PIECE																		
B7-SEQUENCE III																		
B8-SEQUENCE III																		
C1-SQUARE CUT	-0.86	0.37	0.08	-0.36	-0.19	-0.25	-0.83	-0.26										
C2-KEYSTONE	-0.32	-0.78	0.10		-0.15	-0.67		-0.52	-0.14	0.72	-0.67	-0.24	-0.27	0.67				
C3-C13-STYLE																		
C4-SQUARE CUT	-0.35	-0.54	-0.49	-0.74	-0.54	-0.68	-0.63	-0.36										
C5-SEQUENCE III	-0.39	-0.27	0.01		-0.36	0.06					-0.15				-0.58	0.21		
C6-ARTICULATED 2-PIECE																		
C7-SEQUENCE III	0.48	-0.57	-0.60		-0.12	-0.13					-0.07				-0.45	-0.29		
C8-SEQUENCE III	-0.86	-0.38	-0.25		-0.26	-0.22					-0.13				-0.28	-0.17		
CAL-A-CALIBRATION PISTON	-1.04	-0.54	0.61		-0.35	0.41		-0.31										
CAL-B-CALIBRATION PISTON																		
CAL-C-CALIBRATION PISTON																		
CAL-D-CALIBRATION PISTON	-0.36	-0.40	-0.35		-0.60	0.74		-0.42										
CAL-N-CAL DV4 PISTON																		
CAL-W-CAL FIELD PISTON																		
E1-4-1-CAL. SEQ V PISTONS																		
E1-4-2-CAL. SEQ V PISTONS																		
E1-4-3-CAL. SEQ V PISTONS																		
E1-4-4-CAL. SEQ V PISTONS																		
F1-4-1-CAL. SEQ V PISTONS																		
F1-4-2-CAL. SEQ V PISTONS																		
F1-4-3-CAL. SEQ V PISTONS																		
F1-4-4-CAL. SEQ V PISTONS																		
G1-4-1-CAL. SEQ V PISTONS																		
G1-4-2-CAL. SEQ V PISTONS																		
G1-4-3-CAL. SEQ V PISTONS																		
G1-4-4-CAL. SEQ V PISTONS																		
Q1-8-1-SEQ V PISTONS																		
Q1-8-2-SEQ V PISTONS																		
Q1-8-3-SEQ V PISTONS																		
Q1-8-4-SEQ V PISTONS																		
Q1-8-5-SEQ V PISTONS																		
Q1-8-6-SEQ V PISTONS																		
Q1-8-7-SEQ V PISTONS																		
Q1-8-8-SEQ V PISTONS																		
R1-8-1-SEQ V PISTONS																		
R1-8-2-SEQ V PISTONS																		
R1-8-3-SEQ V PISTONS																		
R1-8-4-SEQ V PISTONS																		
R1-8-5-SEQ V PISTONS																		
R1-8-6-SEQ V PISTONS																		
R1-8-7-SEQ V PISTONS																		
R1-8-8-SEQ V PISTONS																		
S1-8-1-SEQ V PISTONS																		
S1-8-2-SEQ V PISTONS																		
S1-8-3-SEQ V PISTONS																		
S1-8-4-SEQ V PISTONS																		
S1-8-5-SEQ V PISTONS																		
S1-8-6-SEQ V PISTONS																		
S1-8-7-SEQ V PISTONS																		
S1-8-8-SEQ V PISTONS																		
T1-FIELD PISTON																		
U1-FIELD PISTON																		
V1-FIELD PISTON																		
X1-DV4 PISTON																		
Y1-DV4 PISTON																		
Z1-DV4 PISTON																		
MAXIMUM	-1.31	-0.91	2.03	-0.74	-0.60	1.27	1.74	1.47	-0.14	0.72	-0.67	-0.71	-0.27	0.67	-0.58	-0.29	1.11	
MINIMUM	-0.32	-0.27	0.01	-0.22	-0.10	0.06	-0.05	-0.26	-0.14	-0.05	-0.07	-0.24	-0.18	-0.41	0.23	0.05	1.11	
RANGE(MAX-MIN)	-0.990	-0.640	2.020	-0.520	-0.500	1.210	1.790	1.730	0.000	0.770	-0.600	-0.470	-0.090	1.080	-0.810	-0.340	0.000	
MEAN	-0.571	-0.500	0.105	-0.440	-0.274	0.085	0.058	-0.250	-0.140	0.335	-0.284	-0.475	-0.225	0.130	-0.270	-0.050	1.110	
STANDARD DEVIATION	0.474	0.348	0.720	0.269	0.171	0.623	1.169	0.845	0.000	0.544	0.250	0.332	0.064	0.764	0.355	0.223	0.000	

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Rater= Veiga, Victor

YI Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	G1TOT	G2TOT	G3TOT	G4TOT	I2TOT	I3TOT	I4TOT	TGF	USTOT	I1TOT	UCTOT	SGF	TLHC	TLEC	THTOT	ATTOT	OCTOT	PSV
A1-SQUARE CUT	0.43	0.18	-0.24	0.08	0.05	-1.13	-0.79	-0.20										
A2-KEYSTONE	0.63	-0.01	2.24		0.62	0.31		1.99	1.24	-0.29	1.45	-0.53	0.00	2.33				
A3-C13-STYLE	0.16	0.83	-1.38		-1.04	-1.09	-1.82			-0.87								
A4-SQUARE CUT	-0.58	1.04	-0.16	3.61	-0.07	-0.23	-0.16	-0.09										
A5-SEQUENCE III	0.29	2.46	0.04		-0.13	0.09					-1.51				-1.45	-0.38		
A6-ARTICULATED 2-PIECE	0.88	-0.25	-0.76		-1.34	-0.25	-0.77	0.79		0.42		1.41	0.26	-0.41			0.15	
A7-SEQUENCE III	-1.04	-1.03	-1.39		-0.71	-0.06					-1.09				-0.47	-0.35		
A8-SEQUENCE III	0.13	-0.94	-1.44		-0.37	1.04					-0.97				-1.22	0.43		
B1-SQUARE CUT	-0.14	-0.30	-0.96	-1.16	1.29	-1.03	-1.32	-0.73										
B2-KEYSTONE																		
B3-C13-STYLE																		
B4-SQUARE CUT	-0.38	0.10	-0.57	-0.25	0.50	-0.76	-0.94	0.27										
B5-SEQUENCE III	-0.15	-0.29	-0.71		0.58	0.30					-0.63				-0.82	-0.64		
B6-ARTICULATED 2-PIECE																		
B7-SEQUENCE III																		
B8-SEQUENCE III																		
C1-SQUARE CUT																		
C2-KEYSTONE																		
C3-C13-STYLE																		
C4-SQUARE CUT																		
C5-SEQUENCE III																		
C6-ARTICULATED 2-PIECE																		
C7-SEQUENCE III																		
C8-SEQUENCE III																		
CAL-A-CALIBRATION PISTON																		
CAL-B-CALIBRATION PISTON	-0.43	0.15	-0.21		0.03	0.25		0.43										
CAL-C-CALIBRATION PISTON	-0.60	-0.09	-0.77		0.24	4.05		0.65										
CAL-D-CALIBRATION PISTON																		
CAL-N-CAL DV4 PISTON	-0.63	-0.37	-0.31		-0.91	-0.34												
CAL-W-CAL FIELD PISTON	0.08	-0.01	0.03		-0.41	-0.15									-0.10	-0.50		
E1-4-1-CAL. SEQ V PISTONS																		-0.79
E1-4-2-CAL. SEQ V PISTONS																		-0.34
E1-4-3-CAL. SEQ V PISTONS																		-1.82
E1-4-4-CAL. SEQ V PISTONS																		-0.89
F1-4-1-CAL. SEQ V PISTONS																		-0.47
F1-4-2-CAL. SEQ V PISTONS																		-0.31
F1-4-3-CAL. SEQ V PISTONS																		-0.56
F1-4-4-CAL. SEQ V PISTONS																		-0.50
G1-4-1-CAL. SEQ V PISTONS																		
G1-4-2-CAL. SEQ V PISTONS																		
G1-4-3-CAL. SEQ V PISTONS																		
G1-4-4-CAL. SEQ V PISTONS																		
Q1-8-1-SEQ V PISTONS																		-1.03
Q1-8-2-SEQ V PISTONS																		-0.77
Q1-8-3-SEQ V PISTONS																		-1.34
Q1-8-4-SEQ V PISTONS																		-1.12
Q1-8-5-SEQ V PISTONS																		-0.90
Q1-8-6-SEQ V PISTONS																		-0.96
Q1-8-7-SEQ V PISTONS																		-1.00
Q1-8-8-SEQ V PISTONS																		-0.93
R1-8-1-SEQ V PISTONS																		-0.76
R1-8-2-SEQ V PISTONS																		-0.93
R1-8-3-SEQ V PISTONS																		-0.92
R1-8-4-SEQ V PISTONS																		-1.00
R1-8-5-SEQ V PISTONS																		-1.09
R1-8-6-SEQ V PISTONS																		-1.31
R1-8-7-SEQ V PISTONS																		-0.92
R1-8-8-SEQ V PISTONS																		-1.65
S1-8-1-SEQ V PISTONS																		
S1-8-2-SEQ V PISTONS																		
S1-8-3-SEQ V PISTONS																		
S1-8-4-SEQ V PISTONS																		
S1-8-5-SEQ V PISTONS																		
S1-8-6-SEQ V PISTONS																		
S1-8-7-SEQ V PISTONS																		
S1-8-8-SEQ V PISTONS																		
T1-FIELD PISTON	0.40	-0.07	2.46		1.02	1.15									-0.18	-0.54		
U1-FIELD PISTON	-0.19	-0.40	0.99		-0.45	-0.23									-0.72	0.73		
V1-FIELD PISTON																		
X1-DV4 PISTON	-0.49	0.25	-0.38		1.49	-0.14												
Y1-DV4 PISTON	-0.28	-0.20	0.50		-0.70	1.33												
Z1-DV4 PISTON	-0.46	0.06	3.17		0.08	1.19												
MAXIMUM	-1.04	2.46	3.17	3.61	1.49	4.05	-1.82	1.99	1.24	-0.87	-1.51	1.41	0.26	2.33	-1.45	0.73	0.15	-1.82
MINIMUM	0.08	-0.01	0.03	0.08	0.03	-0.06	-0.16	-0.09	1.24	-0.29	-0.63	-0.53	0.00	-0.41	-0.10	-0.35	0.15	-0.31
RANGE(MAX-MIN)	-1.120	2.470	3.140	3.530	1.460	4.110	-1.660	2.080	0.000	-0.580	-0.880	1.940	0.260	2.740	-1.350	1.080	0.000	-1.510
MEAN	-0.119	0.056	0.008	0.570	-0.012	0.215	-0.967	0.389	1.240	-0.247	-0.550	0.440	0.130	0.960	-0.709	-0.179	0.150	-0.930
STANDARD DEVIATION	0.486	0.741	1.289	2.093	0.767	1.164	0.561	0.814	0.000	0.646	1.161	1.372	0.184	1.937	0.505	0.534	0.000	0.364

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Rater= Viera, Ralph B.

YI Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	G1TOT	G2TOT	G3TOT	G4TOT	I2TOT	I3TOT	I4TOT	TGF	USTOT	I1TOT	UCTOT	SGF	TLHC	TLEC	THTOT	ATTOT	OCTOT	PSV
A1-SQUARE CUT																		
A2-KEYSTONE																		
A3-C13-STYLE																		
A4-SQUARE CUT																		
A5-SEQUENCE III																		
A6-ARTICULATED 2-PIECE																		
A7-SEQUENCE III																		
A8-SEQUENCE III																		
B1-SQUARE CUT	0.26	0.26	-0.32	-0.85	0.16	-0.51	-0.03	0.71										
B2-KEYSTONE	-0.02	-0.77	-0.35		-0.02	-0.52		-0.89	-0.59	2.14	-0.17	0.25	0.00	-0.34				
B3-C13-STYLE	-0.44	2.82	0.90		-0.87	1.58	1.47			0.47								
B4-SQUARE CUT	-0.59	0.40	-0.76	-0.70	0.26	-0.17	0.82	-0.04										
B5-SEQUENCE III	-0.32	-0.29	-0.53		-0.77	0.38					0.06				-0.82	-0.90		
B6-ARTICULATED 2-PIECE	-0.18	-0.03	0.38		0.25	1.36	0.76	-0.04		0.43		-0.61	0.30	1.18			1.46	
B7-SEQUENCE III																		
B8-SEQUENCE III																		
C1-SQUARE CUT																		
C2-KEYSTONE																		
C3-C13-STYLE																		
C4-SQUARE CUT																		
C5-SEQUENCE III																		
C6-ARTICULATED 2-PIECE																		
C7-SEQUENCE III																		
C8-SEQUENCE III																		
CAL-A-CALIBRATION PISTON	0.75	0.94	-0.45		0.21	0.30		-0.12										
CAL-B-CALIBRATION PISTON	-0.44	0.42	-0.54		-0.55	0.08		0.42										
CAL-C-CALIBRATION PISTON																		
CAL-D-CALIBRATION PISTON	-0.18	-0.12	-0.22		-0.21	0.69		-0.66										
CAL-N-CAL DV4 PISTON	-0.50	-0.84	-0.29		-1.22	-0.32												
CAL-W-CAL FIELD PISTON	0.27	-0.21	-0.10		-0.30	-0.19									-0.75	-1.14		
E1-4-1-CAL. SEQ V PISTONS																		-0.48
E1-4-2-CAL. SEQ V PISTONS																		0.19
E1-4-3-CAL. SEQ V PISTONS																		-0.38
E1-4-4-CAL. SEQ V PISTONS																		-0.45
F1-4-1-CAL. SEQ V PISTONS																		
F1-4-2-CAL. SEQ V PISTONS																		
F1-4-3-CAL. SEQ V PISTONS																		
F1-4-4-CAL. SEQ V PISTONS																		
G1-4-1-CAL. SEQ V PISTONS																		-0.08
G1-4-2-CAL. SEQ V PISTONS																		-0.48
G1-4-3-CAL. SEQ V PISTONS																		-0.59
G1-4-4-CAL. SEQ V PISTONS																		-0.37
Q1-8-1-SEQ V PISTONS																		-0.67
Q1-8-2-SEQ V PISTONS																		-0.57
Q1-8-3-SEQ V PISTONS																		0.01
Q1-8-4-SEQ V PISTONS																		-0.01
Q1-8-5-SEQ V PISTONS																		0.26
Q1-8-6-SEQ V PISTONS																		-0.16
Q1-8-7-SEQ V PISTONS																		-0.30
Q1-8-8-SEQ V PISTONS																		-0.39
R1-8-1-SEQ V PISTONS																		
R1-8-2-SEQ V PISTONS																		
R1-8-3-SEQ V PISTONS																		
R1-8-4-SEQ V PISTONS																		
R1-8-5-SEQ V PISTONS																		
R1-8-6-SEQ V PISTONS																		
R1-8-7-SEQ V PISTONS																		
R1-8-8-SEQ V PISTONS																		
S1-8-1-SEQ V PISTONS																		-0.20
S1-8-2-SEQ V PISTONS																		1.43
S1-8-3-SEQ V PISTONS																		0.21
S1-8-4-SEQ V PISTONS																		0.26
S1-8-5-SEQ V PISTONS																		-0.24
S1-8-6-SEQ V PISTONS																		-0.27
S1-8-7-SEQ V PISTONS																		0.16
S1-8-8-SEQ V PISTONS																		0.06
T1-FIELD PISTON	-0.67	-0.07	-0.91		-0.15	0.99									-0.91	-0.26		
U1-FIELD PISTON																		
V1-FIELD PISTON	-0.72	0.36	0.96		-0.20	0.22									0.33	0.51		
X1-DV4 PISTON	-0.92	-0.04	2.30		0.50	-0.14												
Y1-DV4 PISTON																		
Z1-DV4 PISTON	2.50	0.45	0.07		0.16	-0.68												
MAXIMUM	2.50	2.82	2.30	-0.85	-1.22	1.58	1.47	-0.89	-0.59	2.14	-0.17	-0.61	0.30	1.18	-0.91	-1.14	1.46	1.43
MINIMUM	-0.02	-0.03	0.07	-0.70	-0.02	0.08	-0.03	-0.04	-0.59	0.43	0.06	0.25	0.00	-0.34	0.33	-0.26	1.46	0.01
RANGE(MAX-MIN)	2.520	2.850	2.230	-0.150	-1.200	1.500	1.500	-0.850	0.000	1.710	-0.230	-0.860	0.300	1.520	-1.240	-0.880	0.000	1.420
MEAN	-0.080	0.219	0.009	-0.775	-0.183	0.205	0.755	-0.089	-0.590	1.013	-0.055	-0.180	0.150	0.420	-0.538	-0.448	1.460	-0.128
STANDARD DEVIATION	0.838	0.858	0.833	0.106	0.486	0.689	0.614	0.558	0.000	0.976	0.163	0.608	0.212	1.075	0.582	0.739	0.000	0.438

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Rater= Zalewski, John

YI Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	G1TOT	G2TOT	G3TOT	G4TOT	I2TOT	I3TOT	I4TOT	TGF	USTOT	I1TOT	UCTOT	SGF	TLHC	TLEC	THTOT	ATTOT	OCTOT	PSV
A1-SQUARE CUT																		
A2-KEYSTONE																		
A3-C13-STYLE																		
A4-SQUARE CUT																		
A5-SEQUENCE III																		
A6-ARTICULATED 2-PIECE																		
A7-SEQUENCE III																		
A8-SEQUENCE III																		
B1-SQUARE CUT																		
B2-KEYSTONE																		
B3-C13-STYLE																		
B4-SQUARE CUT																		
B5-SEQUENCE III																		
B6-ARTICULATED 2-PIECE																		
B7-SEQUENCE III																		
B8-SEQUENCE III																		
C1-SQUARE CUT	0.37	-0.48	-0.33	-0.36	0.74	-0.15	-0.30	0.54										
C2-KEYSTONE	-0.17	0.63	-0.46	-0.36	-0.19	0.38	0.04	0.00	0.00	-0.11	0.48	1.25	-0.27	-0.50				
C3-C13-STYLE	0.02	-0.45	0.27		-1.42	-0.65	-1.63			0.94								
C4-SQUARE CUT	1.30	-0.09	-0.16	-0.27	0.32	0.16	-0.04	0.64										
C5-SEQUENCE III	2.63	-0.07	0.60		0.90	-0.03					-0.11				1.56	-1.07		
C6-ARTICULATED 2-PIECE	-0.36	0.57	-0.69		0.70	-0.85	-1.20	0.50		0.66		0.03	0.73	-0.61			-2.64	
C7-SEQUENCE III	-0.82	0.54	0.27		0.43	-0.19					0.06				0.12	-0.33		
C8-SEQUENCE III	-0.91	0.12	-0.13		-0.12	-0.23					-0.84				-0.48	-0.38		
CAL-A-CALIBRATION PISTON																		
CAL-B-CALIBRATION PISTON																		
CAL-C-CALIBRATION PISTON	0.01	-0.18	-0.13		0.29	-0.37		0.36										
CAL-D-CALIBRATION PISTON	-0.28	-0.16	-0.33		-0.37	-1.04		0.05										
CAL-N-CAL DV4 PISTON	0.04	-0.09	-0.33		0.83	-0.39												
CAL-W-CAL FIELD PISTON	0.40	-0.36	0.42		-0.52	-0.30									-0.04	-0.10		
E1-4-1-CAL. SEQ V PISTONS																		
E1-4-2-CAL. SEQ V PISTONS																		
E1-4-3-CAL. SEQ V PISTONS																		
E1-4-4-CAL. SEQ V PISTONS																		
F1-4-1-CAL. SEQ V PISTONS																		-0.22
F1-4-2-CAL. SEQ V PISTONS																		-0.04
F1-4-3-CAL. SEQ V PISTONS																		-0.53
F1-4-4-CAL. SEQ V PISTONS																		-0.20
G1-4-1-CAL. SEQ V PISTONS																		-0.01
G1-4-2-CAL. SEQ V PISTONS																		-0.51
G1-4-3-CAL. SEQ V PISTONS																		-0.29
G1-4-4-CAL. SEQ V PISTONS																		-0.79
Q1-8-1-SEQ V PISTONS																		
Q1-8-2-SEQ V PISTONS																		
Q1-8-3-SEQ V PISTONS																		
Q1-8-4-SEQ V PISTONS																		
Q1-8-5-SEQ V PISTONS																		
Q1-8-6-SEQ V PISTONS																		
Q1-8-7-SEQ V PISTONS																		
Q1-8-8-SEQ V PISTONS																		
R1-8-1-SEQ V PISTONS																		-0.94
R1-8-2-SEQ V PISTONS																		-0.80
R1-8-3-SEQ V PISTONS																		-0.52
R1-8-4-SEQ V PISTONS																		-0.51
R1-8-5-SEQ V PISTONS																		-0.72
R1-8-6-SEQ V PISTONS																		-0.48
R1-8-7-SEQ V PISTONS																		-0.70
R1-8-8-SEQ V PISTONS																		-0.61
S1-8-1-SEQ V PISTONS																		-0.60
S1-8-2-SEQ V PISTONS																		-0.50
S1-8-3-SEQ V PISTONS																		-0.40
S1-8-4-SEQ V PISTONS																		-0.60
S1-8-5-SEQ V PISTONS																		-0.16
S1-8-6-SEQ V PISTONS																		-0.24
S1-8-7-SEQ V PISTONS																		-0.54
S1-8-8-SEQ V PISTONS																		-0.26
T1-FIELD PISTON																		
U1-FIELD PISTON	1.78	1.04	1.00		-0.48	-0.28									-0.77	0.43		
V1-FIELD PISTON	0.98	0.36	0.50		-0.72	-0.26									-0.36	0.56		
X1-DV4 PISTON																		
Y1-DV4 PISTON	-0.28	-0.31	-0.16		1.70	-0.30												
Z1-DV4 PISTON	-0.44	0.42	-0.03		0.70	-0.91												
MAXIMUM	2.63	1.04	1.00	-0.36	1.70	-1.04	-1.63	0.64	0.00	0.94	-0.84	1.25	0.73	-0.61	1.56	-1.07	-2.64	-0.94
MINIMUM	0.01	-0.07	-0.03	-0.27	-0.12	-0.03	-0.04	0.04	0.00	-0.11	0.06	0.03	-0.27	-0.50	-0.04	-0.10	-2.64	-0.01
RANGE(MAX-MIN)	2.620	1.110	1.030	-0.090	1.820	-1.010	-1.590	0.600	0.000	1.050	-0.900	1.220	1.000	-0.110	1.600	-0.970	0.000	-0.930
MEAN	0.267	0.093	0.019	-0.315	0.174	-0.338	-0.793	0.355	0.000	0.497	-0.103	0.640	0.230	-0.555	0.005	-0.148	-2.640	-0.465
STANDARD DEVIATION	0.963	0.448	0.449	0.064	0.776	0.376	0.748	0.256	0.000	0.544	0.551	0.863	0.707	0.078	0.825	0.596	0.000	0.245

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Rater= Aguirre, Nancy P

YI Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	R1DEMF	R2DEMF	R3DEMF	R4DEMF	R5DEMF	R6DEMF	
J1-6-C13 2ND RING CARBON							
K1-6-C13 2ND RING CARBON							
L1-6-C13 2ND RING CARBON							
M1-6-C13 2ND RING CARBON							
MAXIMUM							
MINIMUM							
RANGE(MAX-MIN)							
MEAN							
STANDARD DEVIATION							

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Rater= Alvernaz, Jack

YI Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	R1DEMF	R2DEMF	R3DEMF	R4DEMF	R5DEMF	R6DEMF	
J1-6-C13 2ND RING CARBON							
K1-6-C13 2ND RING CARBON							
L1-6-C13 2ND RING CARBON							
M1-6-C13 2ND RING CARBON							
MAXIMUM							
MINIMUM							
RANGE(MAX-MIN)							
MEAN							
STANDARD DEVIATION							

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Rater= Arrizon, Richard

YI Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	R1DEMF	R2DEMF	R3DEMF	R4DEMF	R5DEMF	R6DEMF	
J1-6-C13 2ND RING CARBON							
K1-6-C13 2ND RING CARBON							
L1-6-C13 2ND RING CARBON							
M1-6-C13 2ND RING CARBON							
MAXIMUM							
MINIMUM							
RANGE(MAX-MIN)							
MEAN							
STANDARD DEVIATION							

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Rater= Avis, Steven

YI Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	R1DEMF	R2DEMF	R3DEMF	R4DEMF	R5DEMF	R6DEMF	
J1-6-C13 2ND RING CARBON							
K1-6-C13 2ND RING CARBON							
L1-6-C13 2ND RING CARBON							
M1-6-C13 2ND RING CARBON							
MAXIMUM							
MINIMUM							
RANGE(MAX-MIN)							
MEAN							
STANDARD DEVIATION							

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Rater= Barrera, Tony

YI Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	R1DEMF	R2DEMF	R3DEMF	R4DEMF	R5DEMF	R6DEMF	
J1-6-C13 2ND RING CARBON	-1.02	-0.19	-0.47	-0.73	-0.72	-0.63	
K1-6-C13 2ND RING CARBON	-0.13	-0.49	0.22	-0.29	-0.28	-1.14	
L1-6-C13 2ND RING CARBON	-0.58	-1.22	0.03	-0.57	-0.57	-0.44	
M1-6-C13 2ND RING CARBON	-0.96	-0.39	-0.93	-0.48	-0.75	-0.80	
MAXIMUM	-1.02	-1.22	-0.93	-0.73	-0.75	-1.14	
MINIMUM	-0.13	-0.19	0.03	-0.29	-0.28	-0.44	
RANGE(MAX-MIN)	-0.890	-1.030	-0.960	-0.440	-0.470	-0.700	
MEAN	-0.673	-0.573	-0.288	-0.518	-0.580	-0.753	
STANDARD DEVIATION	0.411	0.449	0.518	0.184	0.215	0.297	

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Rater= Cales, Jonathon

YI Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	R1DEMF	R2DEMF	R3DEMF	R4DEMF	R5DEMF	R6DEMF	
J1-6-C13 2ND RING CARBON							
K1-6-C13 2ND RING CARBON							
L1-6-C13 2ND RING CARBON							
M1-6-C13 2ND RING CARBON							
MAXIMUM							
MINIMUM							
RANGE(MAX-MIN)							
MEAN							
STANDARD DEVIATION							

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Rater= Castillo, George

YI Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	R1DEMF	R2DEMF	R3DEMF	R4DEMF	R5DEMF	R6DEMF	
J1-6-C13 2ND RING CARBON	-0.37	-1.00	0.45	1.96	-0.26	1.72	
K1-6-C13 2ND RING CARBON	-0.13	1.10	0.84	-0.05	0.16	1.45	
L1-6-C13 2ND RING CARBON	-0.36	-0.79	-0.22	-0.35	-0.02	-0.03	
M1-6-C13 2ND RING CARBON	0.42	0.45	-0.93	-0.71	-0.03	-0.80	
MAXIMUM	0.42	1.10	-0.93	1.96	-0.26	1.72	
MINIMUM	-0.13	0.45	-0.22	-0.05	-0.02	-0.03	
RANGE(MAX-MIN)	0.550	0.650	-0.710	2.010	-0.240	1.750	
MEAN	-0.110	-0.060	0.035	0.213	-0.038	0.585	
STANDARD DEVIATION	0.370	1.004	0.778	1.196	0.172	1.202	

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Rater= Clare, Jamie

YI Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	R1DEMF	R2DEMF	R3DEMF	R4DEMF	R5DEMF	R6DEMF	
J1-6-C13 2ND RING CARBON							
K1-6-C13 2ND RING CARBON							
L1-6-C13 2ND RING CARBON							
M1-6-C13 2ND RING CARBON							
MAXIMUM							
MINIMUM							
RANGE(MAX-MIN)							
MEAN							
STANDARD DEVIATION							

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Rater= Cumberworth, Lee

YI Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	R1DEMF	R2DEMF	R3DEMF	R4DEMF	R5DEMF	R6DEMF	
J1-6-C13 2ND RING CARBON							
K1-6-C13 2ND RING CARBON							
L1-6-C13 2ND RING CARBON							
M1-6-C13 2ND RING CARBON							
MAXIMUM							
MINIMUM							
RANGE(MAX-MIN)							
MEAN							
STANDARD DEVIATION							

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Rater= DeCapite, Vanessa

YI Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	R1DEMF	R2DEMF	R3DEMF	R4DEMF	R5DEMF	R6DEMF	
J1-6-C13 2ND RING CARBON	0.28	-0.59	-1.84	-1.23	-0.72	-1.94	
K1-6-C13 2ND RING CARBON							
L1-6-C13 2ND RING CARBON	-0.36	0.07	-1.71	-1.59	-1.11	-1.45	
M1-6-C13 2ND RING CARBON	-0.21	-1.49	-0.93	-1.19	-0.03	-0.54	
MAXIMUM	-0.36	-1.49	-1.84	-1.59	-1.11	-1.94	
MINIMUM	-0.21	0.07	-0.93	-1.19	-0.03	-0.54	
RANGE(MAX-MIN)	-0.150	-1.560	-0.910	-0.400	-1.080	-1.400	
MEAN	-0.097	-0.670	-1.493	-1.337	-0.620	-1.310	
STANDARD DEVIATION	0.335	0.783	0.492	0.220	0.547	0.710	

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Rater= Ellis, Paul

YI Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	R1DEMF	R2DEMF	R3DEMF	R4DEMF	R5DEMF	R6DEMF	
J1-6-C13 2ND RING CARBON							
K1-6-C13 2ND RING CARBON							
L1-6-C13 2ND RING CARBON							
M1-6-C13 2ND RING CARBON							
MAXIMUM							
MINIMUM							
RANGE(MAX-MIN)							
MEAN							
STANDARD DEVIATION							

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Rater= Escobar, Wilmar

YI Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	R1DEMF	R2DEMF	R3DEMF	R4DEMF	R5DEMF	R6DEMF	
J1-6-C13 2ND RING CARBON							
K1-6-C13 2ND RING CARBON							
L1-6-C13 2ND RING CARBON							
M1-6-C13 2ND RING CARBON							
MAXIMUM							
MINIMUM							
RANGE(MAX-MIN)							
MEAN							
STANDARD DEVIATION							

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Rater= Foecking, Brian

YI Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	R1DEMF	R2DEMF	R3DEMF	R4DEMF	R5DEMF	R6DEMF	
J1-6-C13 2ND RING CARBON	-0.37	-0.59	0.75	-0.13	-0.10	-0.02	
K1-6-C13 2ND RING CARBON	-0.34	0.14	0.22	-0.05	-0.28	-0.03	
L1-6-C13 2ND RING CARBON	-0.13	0.07	1.03	1.68	-0.02	0.37	
M1-6-C13 2ND RING CARBON	0.04	0.20	0.93	-0.48	1.79	2.58	
MAXIMUM	-0.37	-0.59	1.03	1.68	1.79	2.58	
MINIMUM	0.04	0.07	0.22	-0.05	-0.02	-0.02	
RANGE(MAX-MIN)	-0.410	-0.660	0.810	1.730	1.810	2.600	
MEAN	-0.200	-0.045	0.733	0.255	0.348	0.725	
STANDARD DEVIATION	0.192	0.367	0.361	0.968	0.968	1.251	

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Rater= Fujita, Hirokazu

YI Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	R1DEMF	R2DEMF	R3DEMF	R4DEMF	R5DEMF	R6DEMF	
J1-6-C13 2ND RING CARBON							
K1-6-C13 2ND RING CARBON							
L1-6-C13 2ND RING CARBON							
M1-6-C13 2ND RING CARBON							
MAXIMUM							
MINIMUM							
RANGE(MAX-MIN)							
MEAN							
STANDARD DEVIATION							

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Rater= Goulais, Ed

YI Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	R1DEMF	R2DEMF	R3DEMF	R4DEMF	R5DEMF	R6DEMF	
J1-6-C13 2ND RING CARBON							
K1-6-C13 2ND RING CARBON							
L1-6-C13 2ND RING CARBON							
M1-6-C13 2ND RING CARBON							
MAXIMUM							
MINIMUM							
RANGE(MAX-MIN)							
MEAN							
STANDARD DEVIATION							

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Rater= Guarda, Waldyr

YI Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	R1DEMF	R2DEMF	R3DEMF	R4DEMF	R5DEMF	R6DEMF	
J1-6-C13 2ND RING CARBON	-0.37	1.43	0.75	0.97	-0.10	0.50	
K1-6-C13 2ND RING CARBON	0.28	-1.45	-0.08	1.20	0.61	1.45	
L1-6-C13 2ND RING CARBON	0.09	1.79	0.03	-0.01	1.06	-0.44	
M1-6-C13 2ND RING CARBON	0.04	-0.39	0.93	1.43	1.42	0.24	
MAXIMUM	-0.37	1.79	0.93	1.43	1.42	1.45	
MINIMUM	0.04	-0.39	0.03	-0.01	-0.10	0.24	
RANGE(MAX-MIN)	-0.410	2.180	0.900	1.440	1.520	1.210	
MEAN	0.010	0.345	0.408	0.898	0.748	0.438	
STANDARD DEVIATION	0.274	1.531	0.507	0.633	0.655	0.783	

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Rater= Guo, Feng

YI Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	R1DEMF	R2DEMF	R3DEMF	R4DEMF	R5DEMF	R6DEMF	
J1-6-C13 2ND RING CARBON							
K1-6-C13 2ND RING CARBON							
L1-6-C13 2ND RING CARBON							
M1-6-C13 2ND RING CARBON							
MAXIMUM							
MINIMUM							
RANGE(MAX-MIN)							
MEAN							
STANDARD DEVIATION							

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Rater= Hill, Howard P.

YI Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	R1DEMF	R2DEMF	R3DEMF	R4DEMF	R5DEMF	R6DEMF	
J1-6-C13 2ND RING CARBON	2.89	2.64	-0.16	0.87	-0.26	1.11	
K1-6-C13 2ND RING CARBON	-0.13	-0.81	-0.70	0.20	0.61	0.34	
L1-6-C13 2ND RING CARBON	-0.58	0.50	0.65	0.67	1.61	0.37	
M1-6-C13 2ND RING CARBON	-0.96	-0.65	-0.93	0.95	-0.75	-0.54	
MAXIMUM	2.89	2.64	-0.93	0.95	1.61	1.11	
MINIMUM	-0.13	0.50	-0.16	0.20	-0.26	0.34	
RANGE(MAX-MIN)	3.020	2.140	-0.770	0.750	1.870	0.770	
MEAN	0.305	0.420	-0.285	0.673	0.303	0.320	
STANDARD DEVIATION	1.756	1.591	0.702	0.336	1.037	0.675	

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Rater= Hodgson, Joshua

YI Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	R1DEMF	R2DEMF	R3DEMF	R4DEMF	R5DEMF	R6DEMF	
J1-6-C13 2ND RING CARBON							
K1-6-C13 2ND RING CARBON							
L1-6-C13 2ND RING CARBON							
M1-6-C13 2ND RING CARBON							
MAXIMUM							
MINIMUM							
RANGE(MAX-MIN)							
MEAN							
STANDARD DEVIATION							

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Rater= Hurst, Kevin R.

YI Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	R1DEMF	R2DEMF	R3DEMF	R4DEMF	R5DEMF	R6DEMF	
J1-6-C13 2ND RING CARBON							
K1-6-C13 2ND RING CARBON							
L1-6-C13 2ND RING CARBON							
M1-6-C13 2ND RING CARBON							
MAXIMUM							
MINIMUM							
RANGE(MAX-MIN)							
MEAN							
STANDARD DEVIATION							

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Rater= Kawasaki, Ikuyasu

YI Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	R1DEMF	R2DEMF	R3DEMF	R4DEMF	R5DEMF	R6DEMF	
J1-6-C13 2ND RING CARBON							
K1-6-C13 2ND RING CARBON							
L1-6-C13 2ND RING CARBON							
M1-6-C13 2ND RING CARBON							
MAXIMUM							
MINIMUM							
RANGE(MAX-MIN)							
MEAN							
STANDARD DEVIATION							

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Rater= King, Jennifer

YI Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	R1DEMF	R2DEMF	R3DEMF	R4DEMF	R5DEMF	R6DEMF	
J1-6-C13 2ND RING CARBON	-0.70	-1.00	0.14	-0.33	0.82	-0.20	
K1-6-C13 2ND RING CARBON							
L1-6-C13 2ND RING CARBON	2.36	0.50	0.03	0.33	-0.57	0.78	
M1-6-C13 2ND RING CARBON	0.42	1.13	0.56	-0.48	-0.03	0.24	
MAXIMUM	2.36	1.13	0.56	-0.48	0.82	0.78	
MINIMUM	0.42	0.50	0.03	-0.33	-0.03	-0.20	
RANGE(MAX-MIN)	1.940	0.630	0.530	-0.150	0.850	0.980	
MEAN	0.693	0.210	0.243	-0.160	0.073	0.273	
STANDARD DEVIATION	1.548	1.094	0.280	0.431	0.701	0.491	

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Rater= Kobrinetz, Joaquin J.

YI Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	R1DEMF	R2DEMF	R3DEMF	R4DEMF	R5DEMF	R6DEMF	
J1-6-C13 2ND RING CARBON	-1.02	-1.00	-0.47	-0.63	-1.03	-0.81	
K1-6-C13 2ND RING CARBON							
L1-6-C13 2ND RING CARBON							
M1-6-C13 2ND RING CARBON							
MAXIMUM	-1.02	-1.00	-0.47	-0.63	-1.03	-0.81	
MINIMUM	-1.02	-1.00	-0.47	-0.63	-1.03	-0.81	
RANGE(MAX-MIN)	0.000	0.000	0.000	0.000	0.000	0.000	
MEAN	-1.020	-1.000	-0.470	-0.630	-1.030	-0.810	
STANDARD DEVIATION	0.000	0.000	0.000	0.000	0.000	0.000	

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Rater= Kraemer, Vernon

YI Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	R1DEMF	R2DEMF	R3DEMF	R4DEMF	R5DEMF	R6DEMF	
J1-6-C13 2ND RING CARBON	-1.02	0.22	-1.39	-0.83	-1.18	-0.55	
K1-6-C13 2ND RING CARBON	-1.15	-0.17	-1.94	-1.79	-1.17	-1.52	
L1-6-C13 2ND RING CARBON	-1.04	-1.22	-1.21	-0.69	-0.57	-0.44	
M1-6-C13 2ND RING CARBON	-0.96	0.20	-0.93	-1.66	-1.84	-1.32	
MAXIMUM	-1.15	-1.22	-1.94	-1.79	-1.84	-1.52	
MINIMUM	-0.96	-0.17	-0.93	-0.69	-0.57	-0.44	
RANGE(MAX-MIN)	-0.190	-1.050	-1.010	-1.100	-1.270	-1.080	
MEAN	-1.043	-0.243	-1.368	-1.243	-1.190	-0.958	
STANDARD DEVIATION	0.079	0.676	0.426	0.563	0.519	0.542	

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Rater= Langford, Mike

YI Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	R1DEMF	R2DEMF	R3DEMF	R4DEMF	R5DEMF	R6DEMF	
J1-6-C13 2ND RING CARBON							
K1-6-C13 2ND RING CARBON							
L1-6-C13 2ND RING CARBON							
M1-6-C13 2ND RING CARBON							
MAXIMUM							
MINIMUM							
RANGE(MAX-MIN)							
MEAN							
STANDARD DEVIATION							

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Rater= Liang, Samuel

YI Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	R1DEMF	R2DEMF	R3DEMF	R4DEMF	R5DEMF	R6DEMF	
J1-6-C13 2ND RING CARBON							
K1-6-C13 2ND RING CARBON							
L1-6-C13 2ND RING CARBON							
M1-6-C13 2ND RING CARBON							
MAXIMUM							
MINIMUM							
RANGE(MAX-MIN)							
MEAN							
STANDARD DEVIATION							

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Rater= Lonsway, Chris

YI Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	R1DEMF	R2DEMF	R3DEMF	R4DEMF	R5DEMF	R6DEMF	
J1-6-C13 2ND RING CARBON	0.28	0.62	1.37	-0.03	0.36	-0.37	
K1-6-C13 2ND RING CARBON							
L1-6-C13 2ND RING CARBON	-0.81	-1.22	0.16	-0.57	-0.57	-0.24	
M1-6-C13 2ND RING CARBON	0.80	0.88	0.56	0.95	-0.03	1.02	
MAXIMUM	-0.81	-1.22	1.37	0.95	-0.57	1.02	
MINIMUM	0.28	0.62	0.16	-0.03	-0.03	-0.24	
RANGE(MAX-MIN)	-1.090	-1.840	1.210	0.980	-0.540	1.260	
MEAN	0.090	0.093	0.697	0.117	-0.080	0.137	
STANDARD DEVIATION	0.822	1.145	0.616	0.771	0.467	0.768	

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Rater= Lopez, Frank

YI Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	R1DEMF	R2DEMF	R3DEMF	R4DEMF	R5DEMF	R6DEMF	
J1-6-C13 2ND RING CARBON							
K1-6-C13 2ND RING CARBON							
L1-6-C13 2ND RING CARBON							
M1-6-C13 2ND RING CARBON							
MAXIMUM							
MINIMUM							
RANGE(MAX-MIN)							
MEAN							
STANDARD DEVIATION							

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Rater= Lowsky, John

YI Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	R1DEMF	R2DEMF	R3DEMF	R4DEMF	R5DEMF	R6DEMF	
J1-6-C13 2ND RING CARBON							
K1-6-C13 2ND RING CARBON							
L1-6-C13 2ND RING CARBON							
M1-6-C13 2ND RING CARBON							
MAXIMUM							
MINIMUM							
RANGE(MAX-MIN)							
MEAN							
STANDARD DEVIATION							

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Rater= May, Marianne

YI Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	R1DEMF	R2DEMF	R3DEMF	R4DEMF	R5DEMF	R6DEMF	
J1-6-C13 2ND RING CARBON	0.28	-0.19	-0.62	-1.03	-1.03	-0.72	
K1-6-C13 2ND RING CARBON	-0.74	-0.49	-0.24	-1.04	-1.17	-0.40	
L1-6-C13 2ND RING CARBON	-0.58	-0.36	-0.59	-0.80	-1.11	-0.64	
M1-6-C13 2ND RING CARBON	-0.58	-1.32	-0.56	-0.24	-0.75	-0.80	
MAXIMUM	-0.74	-1.32	-0.62	-1.04	-1.17	-0.80	
MINIMUM	0.28	-0.19	-0.24	-0.24	-0.75	-0.40	
RANGE(MAX-MIN)	-1.020	-1.130	-0.380	-0.800	-0.420	-0.400	
MEAN	-0.405	-0.590	-0.503	-0.778	-1.015	-0.640	
STANDARD DEVIATION	0.463	0.502	0.177	0.375	0.186	0.173	

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Rater= Mueller, Stefan

YI Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	R1DEMF	R2DEMF	R3DEMF	R4DEMF	R5DEMF	R6DEMF	
J1-6-C13 2ND RING CARBON							
K1-6-C13 2ND RING CARBON							
L1-6-C13 2ND RING CARBON							
M1-6-C13 2ND RING CARBON							
MAXIMUM							
MINIMUM							
RANGE(MAX-MIN)							
MEAN							
STANDARD DEVIATION							

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Rater= Parvaz, Ibrar

YI Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	R1DEMF	R2DEMF	R3DEMF	R4DEMF	R5DEMF	R6DEMF	
J1-6-C13 2ND RING CARBON							
K1-6-C13 2ND RING CARBON							
L1-6-C13 2ND RING CARBON							
M1-6-C13 2ND RING CARBON							
MAXIMUM							
MINIMUM							
RANGE(MAX-MIN)							
MEAN							
STANDARD DEVIATION							

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Rater= Pitta, Jimmy

YI Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	R1DEMF	R2DEMF	R3DEMF	R4DEMF	R5DEMF	R6DEMF	
J1-6-C13 2ND RING CARBON							
K1-6-C13 2ND RING CARBON							
L1-6-C13 2ND RING CARBON							
M1-6-C13 2ND RING CARBON							
MAXIMUM							
MINIMUM							
RANGE(MAX-MIN)							
MEAN							
STANDARD DEVIATION							

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Rater= Potocar, William P

YI Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	R1DEMF	R2DEMF	R3DEMF	R4DEMF	R5DEMF	R6DEMF	
J1-6-C13 2ND RING CARBON	0.93	-0.19	1.52	-0.03	2.36	1.89	
K1-6-C13 2ND RING CARBON							
L1-6-C13 2ND RING CARBON							
M1-6-C13 2ND RING CARBON							
MAXIMUM	0.93	-0.19	1.52	-0.03	2.36	1.89	
MINIMUM	0.93	-0.19	1.52	-0.03	2.36	1.89	
RANGE(MAX-MIN)	0.000	0.000	0.000	0.000	0.000	0.000	
MEAN	0.930	-0.190	1.520	-0.030	2.360	1.890	
STANDARD DEVIATION	0.000	0.000	0.000	0.000	0.000	0.000	

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Rater= Reese, Kyle

YI Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	R1DEMF	R2DEMF	R3DEMF	R4DEMF	R5DEMF	R6DEMF	
J1-6-C13 2ND RING CARBON							
K1-6-C13 2ND RING CARBON							
L1-6-C13 2ND RING CARBON							
M1-6-C13 2ND RING CARBON							
MAXIMUM							
MINIMUM							
RANGE(MAX-MIN)							
MEAN							
STANDARD DEVIATION							

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Rater= Richards, Craig

YI Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	R1DEMF	R2DEMF	R3DEMF	R4DEMF	R5DEMF	R6DEMF	
J1-6-C13 2ND RING CARBON							
K1-6-C13 2ND RING CARBON							
L1-6-C13 2ND RING CARBON							
M1-6-C13 2ND RING CARBON							
MAXIMUM							
MINIMUM							
RANGE(MAX-MIN)							
MEAN							
STANDARD DEVIATION							

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Rater= Rodriguez, Jesus (Jesse)

YI Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	R1DEMF	R2DEMF	R3DEMF	R4DEMF	R5DEMF	R6DEMF	
J1-6-C13 2ND RING CARBON							
K1-6-C13 2ND RING CARBON							
L1-6-C13 2ND RING CARBON							
M1-6-C13 2ND RING CARBON							
MAXIMUM							
MINIMUM							
RANGE(MAX-MIN)							
MEAN							
STANDARD DEVIATION							

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Rater= Sanchez, Arthur

YI Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	R1DEMF	R2DEMF	R3DEMF	R4DEMF	R5DEMF	R6DEMF	
J1-6-C13 2ND RING CARBON							
K1-6-C13 2ND RING CARBON	-0.54	1.74	0.38	0.45	1.05	-0.03	
L1-6-C13 2ND RING CARBON							
M1-6-C13 2ND RING CARBON	0.30	1.64	0.93	1.90	1.42	0.24	
MAXIMUM	-0.54	1.74	0.93	1.90	1.42	0.24	
MINIMUM	0.30	1.64	0.38	0.45	1.05	-0.03	
RANGE(MAX-MIN)	-0.840	0.100	0.550	1.450	0.370	0.270	
MEAN	-0.120	1.690	0.655	1.175	1.235	0.105	
STANDARD DEVIATION	0.594	0.071	0.389	1.025	0.262	0.191	

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Rater= Seiz, Ray

YI Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	R1DEMF	R2DEMF	R3DEMF	R4DEMF	R5DEMF	R6DEMF	
J1-6-C13 2ND RING CARBON	0.61	-0.19	0.75	1.76	1.44	0.32	
K1-6-C13 2ND RING CARBON	2.74	-0.49	1.23	1.94	1.50	1.08	
L1-6-C13 2ND RING CARBON	1.45	0.50	2.14	1.79	1.88	2.60	
M1-6-C13 2ND RING CARBON	2.82	1.13	0.19	0.24	0.34	-0.54	
MAXIMUM	2.82	1.13	2.14	1.94	1.88	2.60	
MINIMUM	0.61	-0.19	0.19	0.24	0.34	0.32	
RANGE(MAX-MIN)	2.210	1.320	1.950	1.700	1.540	2.280	
MEAN	1.905	0.238	1.078	1.433	1.290	0.865	
STANDARD DEVIATION	1.067	0.725	0.826	0.799	0.663	1.333	

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Rater= Stremlow, Mike

YI Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	R1DEMF	R2DEMF	R3DEMF	R4DEMF	R5DEMF	R6DEMF	
J1-6-C13 2ND RING CARBON							
K1-6-C13 2ND RING CARBON	0.28	-0.49	1.30	-0.29	-1.62	-0.77	
L1-6-C13 2ND RING CARBON							
M1-6-C13 2ND RING CARBON							
MAXIMUM	0.28	-0.49	1.30	-0.29	-1.62	-0.77	
MINIMUM	0.28	-0.49	1.30	-0.29	-1.62	-0.77	
RANGE(MAX-MIN)	0.000	0.000	0.000	0.000	0.000	0.000	
MEAN	0.280	-0.490	1.300	-0.290	-1.620	-0.770	
STANDARD DEVIATION	0.000	0.000	0.000	0.000	0.000	0.000	

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Rater= Terrado, Ken

YI Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	R1DEMF	R2DEMF	R3DEMF	R4DEMF	R5DEMF	R6DEMF	
J1-6-C13 2ND RING CARBON							
K1-6-C13 2ND RING CARBON							
L1-6-C13 2ND RING CARBON							
M1-6-C13 2ND RING CARBON							
MAXIMUM							
MINIMUM							
RANGE(MAX-MIN)							
MEAN							
STANDARD DEVIATION							

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Rater= Trevino, Bobby

YI Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	R1DEMF	R2DEMF	R3DEMF	R4DEMF	R5DEMF	R6DEMF	
J1-6-C13 2ND RING CARBON	-0.37	-0.59	0.45	0.37	0.82	-0.02	
K1-6-C13 2ND RING CARBON							
L1-6-C13 2ND RING CARBON							
M1-6-C13 2ND RING CARBON	-0.33	0.03	-0.93	-0.24	-0.75	0.24	
MAXIMUM	-0.37	-0.59	-0.93	0.37	0.82	0.24	
MINIMUM	-0.33	0.03	0.45	-0.24	-0.75	-0.02	
RANGE(MAX-MIN)	-0.040	-0.620	-1.380	0.610	1.570	0.260	
MEAN	-0.350	-0.280	-0.240	0.065	0.035	0.110	
STANDARD DEVIATION	0.028	0.438	0.976	0.431	1.110	0.184	

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Rater= Veiga, Victor

YI Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	R1DEMF	R2DEMF	R3DEMF	R4DEMF	R5DEMF	R6DEMF	
J1-6-C13 2ND RING CARBON							
K1-6-C13 2ND RING CARBON							
L1-6-C13 2ND RING CARBON							
M1-6-C13 2ND RING CARBON							
MAXIMUM							
MINIMUM							
RANGE(MAX-MIN)							
MEAN							
STANDARD DEVIATION							

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Rater= Viera, Ralph B.

YI Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	R1DEMF	R2DEMF	R3DEMF	R4DEMF	R5DEMF	R6DEMF	
J1-6-C13 2ND RING CARBON	-0.04	0.62	-1.23	-0.93	-0.41	-0.28	
K1-6-C13 2ND RING CARBON	-0.13	1.42	-1.24	-0.29	0.61	-0.40	
L1-6-C13 2ND RING CARBON	0.55	1.36	-0.34	0.10	-0.02	-0.44	
M1-6-C13 2ND RING CARBON	-0.84	-1.41	2.05	0.00	-0.03	0.76	
MAXIMUM	-0.84	1.42	2.05	-0.93	0.61	0.76	
MINIMUM	-0.04	0.62	-0.34	0.00	-0.02	-0.28	
RANGE(MAX-MIN)	-0.800	0.800	2.390	-0.930	0.630	1.040	
MEAN	-0.115	0.498	-0.190	-0.280	0.038	-0.090	
STANDARD DEVIATION	0.570	1.323	1.552	0.464	0.423	0.571	

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Rater= Zalewski, John

YI Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	R1DEMF	R2DEMF	R3DEMF	R4DEMF	R5DEMF	R6DEMF	
J1-6-C13 2ND RING CARBON							
K1-6-C13 2ND RING CARBON							
L1-6-C13 2ND RING CARBON							
M1-6-C13 2ND RING CARBON							
MAXIMUM							
MINIMUM							
RANGE(MAX-MIN)							
MEAN							
STANDARD DEVIATION							

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Rater= Aguirre, Nancy P

YI Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	AVERAG	
VVCALL-CAL RC BFL VARN L	-0.50	
VVCALR-CAL RC BFL VARN R	-0.56	
MAXIMUM	-0.56	
MINIMUM	-0.50	
RANGE(MAX-MIN)	-0.060	
MEAN	-0.530	
STANDARD DEVIATION	0.042	

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Rater= Alvernaz, Jack

YI Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	AVERAG	
VVCALL-CAL RC BFL VARN L		
VVCALR-CAL RC BFL VARN R		
MAXIMUM		
MINIMUM		
RANGE(MAX-MIN)		
MEAN		
STANDARD DEVIATION		

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Rater= Arrizon, Richard

YI Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	AVERAG	
VVCALL-CAL RC BFL VARN L		
VVCALR-CAL RC BFL VARN R		
MAXIMUM		
MINIMUM		
RANGE(MAX-MIN)		
MEAN		
STANDARD DEVIATION		

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Rater= Avis, Steven

YI Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	AVERAG	
VVCALL-CAL RC BFL VARN L	0.37	
VVCALR-CAL RC BFL VARN R	0.07	
MAXIMUM	0.37	
MINIMUM	0.07	
RANGE(MAX-MIN)	0.300	
MEAN	0.220	
STANDARD DEVIATION	0.212	

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Rater= Barrera, Tony

YI Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	AVERAG	
VVCALL-CAL RC BFL VARN L	-0.43	
VVCALR-CAL RC BFL VARN R	-0.14	
MAXIMUM	-0.43	
MINIMUM	-0.14	
RANGE(MAX-MIN)	-0.290	
MEAN	-0.285	
STANDARD DEVIATION	0.205	

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Rater= Cales, Jonathon

YI Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	AVERAG	
VVCALL-CAL RC BFL VARN L	0.22	
VVCALR-CAL RC BFL VARN R	0.38	
MAXIMUM	0.38	
MINIMUM	0.22	
RANGE(MAX-MIN)	0.160	
MEAN	0.300	
STANDARD DEVIATION	0.113	

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Rater= Castillo, George

YI Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	AVERAG	
VVCALL-CAL RC BFL VARN L	-0.14	
VVCALR-CAL RC BFL VARN R	1.64	
MAXIMUM	1.64	
MINIMUM	-0.14	
RANGE(MAX-MIN)	1.780	
MEAN	0.750	
STANDARD DEVIATION	1.259	

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Rater= Clare, Jamie

YI Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	AVERAG	
VVCALL-CAL RC BFL VARN L	-1.67	
VVCALR-CAL RC BFL VARN R	-2.55	
MAXIMUM	-2.55	
MINIMUM	-1.67	
RANGE(MAX-MIN)	-0.880	
MEAN	-2.110	
STANDARD DEVIATION	0.622	

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Rater= Cumberworth, Lee

YI Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	AVERAG	
VVCALL-CAL RC BFL VARN L	0.51	
VVCALR-CAL RC BFL VARN R	1.22	
MAXIMUM	1.22	
MINIMUM	0.51	
RANGE(MAX-MIN)	0.710	
MEAN	0.865	
STANDARD DEVIATION	0.502	

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Rater= DeCapite, Vanessa

YI Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	AVERAG	
VVCALL-CAL RC BFL VARN L	0.01	
VVCALR-CAL RC BFL VARN R	-0.46	
MAXIMUM	-0.46	
MINIMUM	0.01	
RANGE(MAX-MIN)	-0.470	
MEAN	-0.225	
STANDARD DEVIATION	0.332	

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Rater= Ellis, Paul

YI Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	AVERAG	
VVCALL-CAL RC BFL VARN L		
VVCALR-CAL RC BFL VARN R		
MAXIMUM		
MINIMUM		
RANGE(MAX-MIN)		
MEAN		
STANDARD DEVIATION		

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Rater= Escobar, Wilmar

YI Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	AVERAG	
VVCALL-CAL RC BFL VARN L		
VVCALR-CAL RC BFL VARN R		
MAXIMUM		
MINIMUM		
RANGE(MAX-MIN)		
MEAN		
STANDARD DEVIATION		

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Rater= Foecking, Brian

YI Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	AVERAG	
VVCALL-CAL RC BFL VARN L	0.08	
VVCALR-CAL RC BFL VARN R	-0.04	
MAXIMUM	0.08	
MINIMUM	-0.04	
RANGE(MAX-MIN)	0.120	
MEAN	0.020	
STANDARD DEVIATION	0.085	

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Rater= Fujita, Hirokazu

YI Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	AVERAG	
VVCALL-CAL RC BFL VARN L		
VVCALR-CAL RC BFL VARN R		
MAXIMUM		
MINIMUM		
RANGE(MAX-MIN)		
MEAN		
STANDARD DEVIATION		

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Rater= Goulais, Ed

YI Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	AVERAG	
VVCALL-CAL RC BFL VARN L	-0.29	
VVCALR-CAL RC BFL VARN R	-0.25	
MAXIMUM	-0.29	
MINIMUM	-0.25	
RANGE(MAX-MIN)	-0.040	
MEAN	-0.270	
STANDARD DEVIATION	0.028	

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Rater= Guarda, Waldyr

YI Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	AVERAG	
VVCALL-CAL RC BFL VARN L	-1.74	
VVCALR-CAL RC BFL VARN R	-2.34	
MAXIMUM	-2.34	
MINIMUM	-1.74	
RANGE(MAX-MIN)	-0.600	
MEAN	-2.040	
STANDARD DEVIATION	0.424	

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Rater= Guo, Feng

YI Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	AVERAG	
VVCALL-CAL RC BFL VARN L		
VVCALR-CAL RC BFL VARN R		
MAXIMUM		
MINIMUM		
RANGE(MAX-MIN)		
MEAN		
STANDARD DEVIATION		

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Rater= Hill, Howard P.

YI Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	AVERAG	
VVCALL-CAL RC BFL VARN L	-3.05	
VVCALR-CAL RC BFL VARN R		
MAXIMUM	-3.05	
MINIMUM	-3.05	
RANGE(MAX-MIN)	0.000	
MEAN	-3.050	
STANDARD DEVIATION	0.000	

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Rater= Hodgson, Joshua

YI Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	AVERAG	
VVCALL-CAL RC BFL VARN L		
VVCALR-CAL RC BFL VARN R		
MAXIMUM		
MINIMUM		
RANGE(MAX-MIN)		
MEAN		
STANDARD DEVIATION		

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Rater= Hurst, Kevin R.

YI Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	AVERAG	
VVCALL-CAL RC BFL VARN L	0.95	
VVCALR-CAL RC BFL VARN R	1.11	
MAXIMUM	1.11	
MINIMUM	0.95	
RANGE(MAX-MIN)	0.160	
MEAN	1.030	
STANDARD DEVIATION	0.113	

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Rater= Kawarasaki, Ikuyasu

YI Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	AVERAG	
VVCALL-CAL RC BFL VARN L		
VVCALR-CAL RC BFL VARN R		
MAXIMUM		
MINIMUM		
RANGE(MAX-MIN)		
MEAN		
STANDARD DEVIATION		

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Rater= King, Jennifer

YI Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	AVERAG	
VVCALL-CAL RC BFL VARN L	0.22	
VVCALR-CAL RC BFL VARN R	-0.88	
MAXIMUM	-0.88	
MINIMUM	0.22	
RANGE(MAX-MIN)	-1.100	
MEAN	-0.330	
STANDARD DEVIATION	0.778	

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Rater= Kobrinetz, Joaquin J.

YI Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	AVERAG	
VVCALL-CAL RC BFL VARN L		
VVCALR-CAL RC BFL VARN R		
MAXIMUM		
MINIMUM		
RANGE(MAX-MIN)		
MEAN		
STANDARD DEVIATION		

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Rater= Kraemer, Vernon

YI Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	AVERAG	
VVCALL-CAL RC BFL VARN L	0.22	
VVCALR-CAL RC BFL VARN R	-0.14	
MAXIMUM	0.22	
MINIMUM	-0.14	
RANGE(MAX-MIN)	0.360	
MEAN	0.040	
STANDARD DEVIATION	0.255	

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Rater= Langford, Mike

YI Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	AVERAG	
VVCALL-CAL RC BFL VARN L	-0.50	
VVCALR-CAL RC BFL VARN R	-0.67	
MAXIMUM	-0.67	
MINIMUM	-0.50	
RANGE(MAX-MIN)	-0.170	
MEAN	-0.585	
STANDARD DEVIATION	0.120	

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Rater= Liang, Samuel

YI Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	AVERAG	
VVCALL-CAL RC BFL VARN L		
VVCALR-CAL RC BFL VARN R		
MAXIMUM		
MINIMUM		
RANGE(MAX-MIN)		
MEAN		
STANDARD DEVIATION		

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Rater= Lonsway, Chris

YI Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	AVERAG	
VVCALL-CAL RC BFL VARN L	-0.72	
VVCALR-CAL RC BFL VARN R	-0.46	
MAXIMUM	-0.72	
MINIMUM	-0.46	
RANGE(MAX-MIN)	-0.260	
MEAN	-0.590	
STANDARD DEVIATION	0.184	

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Rater= Lopez, Frank

YI Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	AVERAG	
VVCALL-CAL RC BFL VARN L	0.80	
VVCALR-CAL RC BFL VARN R	0.90	
MAXIMUM	0.90	
MINIMUM	0.80	
RANGE(MAX-MIN)	0.100	
MEAN	0.850	
STANDARD DEVIATION	0.071	

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Rater= Lowsky, John

YI Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	AVERAG	
VVCALL-CAL RC BFL VARN L	1.46	
VVCALR-CAL RC BFL VARN R	0.90	
MAXIMUM	1.46	
MINIMUM	0.90	
RANGE(MAX-MIN)	0.560	
MEAN	1.180	
STANDARD DEVIATION	0.396	

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Rater= May, Marianne

YI Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	AVERAG	
VVCALL-CAL RC BFL VARN L	0.80	
VVCALR-CAL RC BFL VARN R	0.48	
MAXIMUM	0.80	
MINIMUM	0.48	
RANGE(MAX-MIN)	0.320	
MEAN	0.640	
STANDARD DEVIATION	0.226	

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Rater= Mueller, Stefan

YI Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	AVERAG	
VVCALL-CAL RC BFL VARN L		
VVCALR-CAL RC BFL VARN R		
MAXIMUM		
MINIMUM		
RANGE(MAX-MIN)		
MEAN		
STANDARD DEVIATION		

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Rater= Parvaz, Ibrar

YI Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	AVERAG	
VVCALL-CAL RC BFL VARN L		
VVCALR-CAL RC BFL VARN R		
MAXIMUM		
MINIMUM		
RANGE(MAX-MIN)		
MEAN		
STANDARD DEVIATION		

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Rater= Pitta, Jimmy

YI Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	AVERAG	
VVCALL-CAL RC BFL VARN L		
VVCALR-CAL RC BFL VARN R		
MAXIMUM		
MINIMUM		
RANGE(MAX-MIN)		
MEAN		
STANDARD DEVIATION		

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Rater= Potocar, William P

YI Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	AVERAG	
VVCALL-CAL RC BFL VARN L	-0.58	
VVCALR-CAL RC BFL VARN R	-1.40	
MAXIMUM	-1.40	
MINIMUM	-0.58	
RANGE(MAX-MIN)	-0.820	
MEAN	-0.990	
STANDARD DEVIATION	0.580	

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Rater= Reese, Kyle

YI Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	AVERAG	
VVCALL-CAL RC BFL VARN L		
VVCALR-CAL RC BFL VARN R		
MAXIMUM		
MINIMUM		
RANGE(MAX-MIN)		
MEAN		
STANDARD DEVIATION		

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Rater= Richards, Craig

YI Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	AVERAG	
VVCALL-CAL RC BFL VARN L		
VVCALR-CAL RC BFL VARN R		
MAXIMUM		
MINIMUM		
RANGE(MAX-MIN)		
MEAN		
STANDARD DEVIATION		

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Rater= Rodriguez, Jesus (Jesse)

YI Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	AVERAG	
VVCALL-CAL RC BFL VARN L	1.46	
VVCALR-CAL RC BFL VARN R	0.90	
MAXIMUM	1.46	
MINIMUM	0.90	
RANGE(MAX-MIN)	0.560	
MEAN	1.180	
STANDARD DEVIATION	0.396	

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Rater= Sanchez, Arthur

YI Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	AVERAG	
VVCALL-CAL RC BFL VARN L	0.01	
VVCALR-CAL RC BFL VARN R	0.80	
MAXIMUM	0.80	
MINIMUM	0.01	
RANGE(MAX-MIN)	0.790	
MEAN	0.405	
STANDARD DEVIATION	0.559	

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Rater= Seiz, Ray

YI Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	AVERAG	
VVCALL-CAL RC BFL VARN L	-0.58	
VVCALR-CAL RC BFL VARN R	-0.04	
MAXIMUM	-0.58	
MINIMUM	-0.04	
RANGE(MAX-MIN)	-0.540	
MEAN	-0.310	
STANDARD DEVIATION	0.382	

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Rater= Stremlow, Mike

YI Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	AVERAG	
VVCALL-CAL RC BFL VARN L		
VVCALR-CAL RC BFL VARN R		
MAXIMUM		
MINIMUM		
RANGE(MAX-MIN)		
MEAN		
STANDARD DEVIATION		

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Rater= Terrado, Ken

YI Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	AVERAG	
VVCALL-CAL RC BFL VARN L		
VVCALR-CAL RC BFL VARN R		
MAXIMUM		
MINIMUM		
RANGE(MAX-MIN)		
MEAN		
STANDARD DEVIATION		

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Rater= Trevino, Bobby

YI Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	AVERAG	
VVCALL-CAL RC BFL VARN L	0.30	
VVCALR-CAL RC BFL VARN R	-0.14	
MAXIMUM	0.30	
MINIMUM	-0.14	
RANGE(MAX-MIN)	0.440	
MEAN	0.080	
STANDARD DEVIATION	0.311	

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Rater= Veiga, Victor

YI Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	AVERAG	
VVCALL-CAL RC BFL VARN L	1.17	
VVCALR-CAL RC BFL VARN R	0.38	
MAXIMUM	1.17	
MINIMUM	0.38	
RANGE(MAX-MIN)	0.790	
MEAN	0.775	
STANDARD DEVIATION	0.559	

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Rater= Viera, Ralph B.

YI Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	AVERAG	
VVCALL-CAL RC BFL VARN L	1.10	
VVCALR-CAL RC BFL VARN R	0.38	
MAXIMUM	1.10	
MINIMUM	0.38	
RANGE(MAX-MIN)	0.720	
MEAN	0.740	
STANDARD DEVIATION	0.509	

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Rater= Zalewski, John

YI Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	AVERAG	
VVCALL-CAL RC BFL VARN L	0.51	
VVCALR-CAL RC BFL VARN R	0.90	
MAXIMUM	0.90	
MINIMUM	0.51	
RANGE(MAX-MIN)	0.390	
MEAN	0.705	
STANDARD DEVIATION	0.276	

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Rater= Aguirre, Nancy P

YI Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	TOTALS	
ISMOP1-ISM OIL PAN	-0.80	
ISMOP2-ISM OIL PAN	-1.14	
ISMRC1-ISM ROCKER COVER	-1.06	
ISMRC2-ISM ROCKER COVER	-1.38	
VSCALL-CAL RC BFL SLUDGE L	-0.44	
VSCALR-CAL RC BFL SLUDGE R	-0.74	
MAXIMUM	-1.38	
MINIMUM	-0.44	
RANGE(MAX-MIN)	-0.940	
MEAN	-0.927	
STANDARD DEVIATION	0.334	

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Rater= Alvernaz, Jack

YI Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	TOTALS	
ISMOP1-ISM OIL PAN		
ISMOP2-ISM OIL PAN		
ISMRC1-ISM ROCKER COVER		
ISMRC2-ISM ROCKER COVER		
VSCALL-CAL RC BFL SLUDGE L		
VSCALR-CAL RC BFL SLUDGE R		
MAXIMUM		
MINIMUM		
RANGE(MAX-MIN)		
MEAN		
STANDARD DEVIATION		

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Rater= Arrizon, Richard

YI Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	TOTALS	
ISMOP1-ISM OIL PAN		
ISMOP2-ISM OIL PAN		
ISMRC1-ISM ROCKER COVER		
ISMRC2-ISM ROCKER COVER		
VSCALL-CAL RC BFL SLUDGE L		
VSCALR-CAL RC BFL SLUDGE R		
MAXIMUM		
MINIMUM		
RANGE(MAX-MIN)		
MEAN		
STANDARD DEVIATION		

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Rater= Avis, Steven

YI Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	TOTALS	
ISMOP1-ISM OIL PAN	1.39	
ISMOP2-ISM OIL PAN	1.10	
ISMRC1-ISM ROCKER COVER	1.09	
ISMRC2-ISM ROCKER COVER	0.95	
VSCALL-CAL RC BFL SLUDGE L	0.74	
VSCALR-CAL RC BFL SLUDGE R	0.26	
MAXIMUM	1.39	
MINIMUM	0.26	
RANGE(MAX-MIN)	1.130	
MEAN	0.922	
STANDARD DEVIATION	0.388	

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Rater= Barrera, Tony

YI Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	TOTALS	
ISMOP1-ISM OIL PAN	-1.41	
ISMOP2-ISM OIL PAN	-1.35	
ISMRC1-ISM ROCKER COVER	-1.06	
ISMRC2-ISM ROCKER COVER	-1.01	
VSCALL-CAL RC BFL SLUDGE L	-1.72	
VSCALR-CAL RC BFL SLUDGE R	-1.06	
MAXIMUM	-1.72	
MINIMUM	-1.01	
RANGE(MAX-MIN)	-0.710	
MEAN	-1.268	
STANDARD DEVIATION	0.277	

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Rater= Cales, Jonathon

YI Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	TOTALS	
ISMOP1-ISM OIL PAN	0.67	
ISMOP2-ISM OIL PAN	0.02	
ISMRC1-ISM ROCKER COVER	-0.56	
ISMRC2-ISM ROCKER COVER	0.37	
VSCALL-CAL RC BFL SLUDGE L	-0.82	
VSCALR-CAL RC BFL SLUDGE R	-1.23	
MAXIMUM	-1.23	
MINIMUM	0.02	
RANGE(MAX-MIN)	-1.250	
MEAN	-0.258	
STANDARD DEVIATION	0.733	

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Rater= Castillo, George

YI Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	TOTALS	
ISMOP1-ISM OIL PAN	0.78	
ISMOP2-ISM OIL PAN	0.45	
ISMRC1-ISM ROCKER COVER	0.42	
ISMRC2-ISM ROCKER COVER	0.75	
VSCALL-CAL RC BFL SLUDGE L	-0.90	
VSCALR-CAL RC BFL SLUDGE R	-1.14	
MAXIMUM	-1.14	
MINIMUM	0.42	
RANGE(MAX-MIN)	-1.560	
MEAN	0.060	
STANDARD DEVIATION	0.853	

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Rater= Clare, Jamie

YI Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	TOTALS	
ISMOP1-ISM OIL PAN	0.88	
ISMOP2-ISM OIL PAN	1.02	
ISMRC1-ISM ROCKER COVER	1.22	
ISMRC2-ISM ROCKER COVER	0.79	
VSCALL-CAL RC BFL SLUDGE L	1.46	
VSCALR-CAL RC BFL SLUDGE R	0.34	
MAXIMUM	1.46	
MINIMUM	0.34	
RANGE(MAX-MIN)	1.120	
MEAN	0.952	
STANDARD DEVIATION	0.385	

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Rater= Cumberworth, Lee

YI Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	TOTALS	
ISMOP1-ISM OIL PAN	-0.80	
ISMOP2-ISM OIL PAN	-0.99	
ISMRC1-ISM ROCKER COVER	-0.85	
ISMRC2-ISM ROCKER COVER	-0.42	
VSCALL-CAL RC BFL SLUDGE L	0.61	
VSCALR-CAL RC BFL SLUDGE R	1.58	
MAXIMUM	1.58	
MINIMUM	-0.42	
RANGE(MAX-MIN)	2.000	
MEAN	-0.145	
STANDARD DEVIATION	1.026	

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Rater= DeCapite, Vanessa

YI Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	TOTALS	
ISMOP1-ISM OIL PAN	1.18	
ISMOP2-ISM OIL PAN	1.53	
ISMRC1-ISM ROCKER COVER	0.80	
ISMRC2-ISM ROCKER COVER	0.95	
VSCALL-CAL RC BFL SLUDGE L	0.95	
VSCALR-CAL RC BFL SLUDGE R	1.31	
MAXIMUM	1.53	
MINIMUM	0.80	
RANGE(MAX-MIN)	0.730	
MEAN	1.120	
STANDARD DEVIATION	0.271	

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Rater= Ellis, Paul

YI Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	TOTALS	
ISMOP1-ISM OIL PAN		
ISMOP2-ISM OIL PAN		
ISMRC1-ISM ROCKER COVER		
ISMRC2-ISM ROCKER COVER		
VSCALL-CAL RC BFL SLUDGE L		
VSCALR-CAL RC BFL SLUDGE R		
MAXIMUM		
MINIMUM		
RANGE(MAX-MIN)		
MEAN		
STANDARD DEVIATION		

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Rater= Escobar, Wilmar

YI Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	TOTALS	
ISMOP1-ISM OIL PAN		
ISMOP2-ISM OIL PAN		
ISMRC1-ISM ROCKER COVER		
ISMRC2-ISM ROCKER COVER		
VSCALL-CAL RC BFL SLUDGE L		
VSCALR-CAL RC BFL SLUDGE R		
MAXIMUM		
MINIMUM		
RANGE(MAX-MIN)		
MEAN		
STANDARD DEVIATION		

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Rater= Foecking, Brian

YI Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	TOTALS	
ISMOP1-ISM OIL PAN	0.88	
ISMOP2-ISM OIL PAN	0.81	
ISMRC1-ISM ROCKER COVER	0.46	
ISMRC2-ISM ROCKER COVER	0.58	
VSCALL-CAL RC BFL SLUDGE L	0.95	
VSCALR-CAL RC BFL SLUDGE R	0.91	
MAXIMUM	0.95	
MINIMUM	0.46	
RANGE(MAX-MIN)	0.490	
MEAN	0.765	
STANDARD DEVIATION	0.199	

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Rater= Fujita, Hirokazu

YI Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	TOTALS	
ISMOP1-ISM OIL PAN		
ISMOP2-ISM OIL PAN		
ISMRC1-ISM ROCKER COVER		
ISMRC2-ISM ROCKER COVER		
VSCALL-CAL RC BFL SLUDGE L		
VSCALR-CAL RC BFL SLUDGE R		
MAXIMUM		
MINIMUM		
RANGE(MAX-MIN)		
MEAN		
STANDARD DEVIATION		

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Rater= Goulais, Ed

YI Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	TOTALS	
ISMOP1-ISM OIL PAN		
ISMOP2-ISM OIL PAN		
ISMRC1-ISM ROCKER COVER		
ISMRC2-ISM ROCKER COVER		
VSCALL-CAL RC BFL SLUDGE L	-0.95	
VSCALR-CAL RC BFL SLUDGE R	0.26	
MAXIMUM	-0.95	
MINIMUM	0.26	
RANGE(MAX-MIN)	-1.210	
MEAN	-0.345	
STANDARD DEVIATION	0.856	

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Rater= Guarda, Waldyr

YI Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	TOTALS	
ISMOP1-ISM OIL PAN	0.06	
ISMOP2-ISM OIL PAN	-0.27	
ISMRC1-ISM ROCKER COVER	-0.77	
ISMRC2-ISM ROCKER COVER	-0.42	
VSCALL-CAL RC BFL SLUDGE L	-0.18	
VSCALR-CAL RC BFL SLUDGE R	-0.96	
MAXIMUM	-0.96	
MINIMUM	0.06	
RANGE(MAX-MIN)	-1.020	
MEAN	-0.423	
STANDARD DEVIATION	0.381	

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Rater= Guo, Feng

YI Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	TOTALS	
ISMOP1-ISM OIL PAN		
ISMOP2-ISM OIL PAN		
ISMRC1-ISM ROCKER COVER		
ISMRC2-ISM ROCKER COVER		
VSCALL-CAL RC BFL SLUDGE L		
VSCALR-CAL RC BFL SLUDGE R		
MAXIMUM		
MINIMUM		
RANGE(MAX-MIN)		
MEAN		
STANDARD DEVIATION		

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Rater= Hill, Howard P.

YI Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	TOTALS	
ISMOP1-ISM OIL PAN	-2.33	
ISMOP2-ISM OIL PAN	-0.78	
ISMRC1-ISM ROCKER COVER	-1.78	
ISMRC2-ISM ROCKER COVER	-2.97	
VSCALL-CAL RC BFL SLUDGE L	-0.57	
VSCALR-CAL RC BFL SLUDGE R	-2.09	
MAXIMUM	-2.97	
MINIMUM	-0.57	
RANGE(MAX-MIN)	-2.400	
MEAN	-1.753	
STANDARD DEVIATION	0.925	

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Rater= Hodgson, Joshua

YI Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	TOTALS	
ISMOP1-ISM OIL PAN		
ISMOP2-ISM OIL PAN		
ISMRC1-ISM ROCKER COVER		
ISMRC2-ISM ROCKER COVER		
VSCALL-CAL RC BFL SLUDGE L		
VSCALR-CAL RC BFL SLUDGE R		
MAXIMUM		
MINIMUM		
RANGE(MAX-MIN)		
MEAN		
STANDARD DEVIATION		

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Rater= Hurst, Kevin R.

YI Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	TOTALS	
ISMOP1-ISM OIL PAN	1.13	
ISMOP2-ISM OIL PAN	1.67	
ISMRC1-ISM ROCKER COVER	0.33	
ISMRC2-ISM ROCKER COVER	1.00	
VSCALL-CAL RC BFL SLUDGE L	0.87	
VSCALR-CAL RC BFL SLUDGE R	-0.06	
MAXIMUM	1.67	
MINIMUM	-0.06	
RANGE(MAX-MIN)	1.730	
MEAN	0.823	
STANDARD DEVIATION	0.611	

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Rater= Kawarasaki, Ikuyasu

YI Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	TOTALS	
ISMOP1-ISM OIL PAN		
ISMOP2-ISM OIL PAN		
ISMRC1-ISM ROCKER COVER		
ISMRC2-ISM ROCKER COVER		
VSCALL-CAL RC BFL SLUDGE L		
VSCALR-CAL RC BFL SLUDGE R		
MAXIMUM		
MINIMUM		
RANGE(MAX-MIN)		
MEAN		
STANDARD DEVIATION		

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Rater= King, Jennifer

YI Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	TOTALS	
ISMOP1-ISM OIL PAN		
ISMOP2-ISM OIL PAN		
ISMRC1-ISM ROCKER COVER		
ISMRC2-ISM ROCKER COVER		
VSCALL-CAL RC BFL SLUDGE L	-0.44	
VSCALR-CAL RC BFL SLUDGE R	-0.79	
MAXIMUM	-0.79	
MINIMUM	-0.44	
RANGE(MAX-MIN)	-0.350	
MEAN	-0.615	
STANDARD DEVIATION	0.247	

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Rater= Kobrinetz, Joaquin J.

YI Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	TOTALS	
ISMOP1-ISM OIL PAN	-1.16	
ISMOP2-ISM OIL PAN	-1.50	
ISMRC1-ISM ROCKER COVER	-1.27	
ISMRC2-ISM ROCKER COVER	-0.92	
VSCALL-CAL RC BFL SLUDGE L	0.74	
VSCALR-CAL RC BFL SLUDGE R	0.77	
MAXIMUM	-1.50	
MINIMUM	0.74	
RANGE(MAX-MIN)	-2.240	
MEAN	-0.557	
STANDARD DEVIATION	1.033	

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Rater= Kraemer, Vernon

YI Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	TOTALS	
ISMOP1-ISM OIL PAN	-0.70	
ISMOP2-ISM OIL PAN	-0.78	
ISMRC1-ISM ROCKER COVER	-1.27	
ISMRC2-ISM ROCKER COVER	-0.76	
VSCALL-CAL RC BFL SLUDGE L	0.66	
VSCALR-CAL RC BFL SLUDGE R	1.10	
MAXIMUM	-1.27	
MINIMUM	0.66	
RANGE(MAX-MIN)	-1.930	
MEAN	-0.292	
STANDARD DEVIATION	0.941	

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Rater= Langford, Mike

YI Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	TOTALS	
ISMOP1-ISM OIL PAN	0.98	
ISMOP2-ISM OIL PAN	1.74	
ISMRC1-ISM ROCKER COVER	1.18	
ISMRC2-ISM ROCKER COVER	0.79	
VSCALL-CAL RC BFL SLUDGE L	1.59	
VSCALR-CAL RC BFL SLUDGE R	0.56	
MAXIMUM	1.74	
MINIMUM	0.56	
RANGE(MAX-MIN)	1.180	
MEAN	1.140	
STANDARD DEVIATION	0.458	

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Rater= Liang, Samuel

YI Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	TOTALS	
ISMOP1-ISM OIL PAN		
ISMOP2-ISM OIL PAN		
ISMRC1-ISM ROCKER COVER		
ISMRC2-ISM ROCKER COVER		
VSCALL-CAL RC BFL SLUDGE L		
VSCALR-CAL RC BFL SLUDGE R		
MAXIMUM		
MINIMUM		
RANGE(MAX-MIN)		
MEAN		
STANDARD DEVIATION		

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Rater= Lonsway, Chris

YI Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	TOTALS	
ISMOP1-ISM OIL PAN	0.37	
ISMOP2-ISM OIL PAN	0.45	
ISMRC1-ISM ROCKER COVER	0.50	
ISMRC2-ISM ROCKER COVER	0.04	
VSCALL-CAL RC BFL SLUDGE L	0.97	
VSCALR-CAL RC BFL SLUDGE R	1.23	
MAXIMUM	1.23	
MINIMUM	0.04	
RANGE(MAX-MIN)	1.190	
MEAN	0.593	
STANDARD DEVIATION	0.432	

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Rater= Lopez, Frank

YI Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	TOTALS	
ISMOP1-ISM OIL PAN	-0.29	
ISMOP2-ISM OIL PAN	-0.99	
ISMRC1-ISM ROCKER COVER	-0.39	
ISMRC2-ISM ROCKER COVER	-0.30	
VSCALL-CAL RC BFL SLUDGE L	0.74	
VSCALR-CAL RC BFL SLUDGE R	1.02	
MAXIMUM	1.02	
MINIMUM	-0.29	
RANGE(MAX-MIN)	1.310	
MEAN	-0.035	
STANDARD DEVIATION	0.760	

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Rater= Lowsky, John

YI Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	TOTALS	
ISMOP1-ISM OIL PAN	0.88	
ISMOP2-ISM OIL PAN	1.31	
ISMRC1-ISM ROCKER COVER	1.43	
ISMRC2-ISM ROCKER COVER	1.12	
VSCALL-CAL RC BFL SLUDGE L	0.28	
VSCALR-CAL RC BFL SLUDGE R	0.34	
MAXIMUM	1.43	
MINIMUM	0.28	
RANGE(MAX-MIN)	1.150	
MEAN	0.893	
STANDARD DEVIATION	0.489	

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Rater= May, Marianne

YI Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	TOTALS	
ISMOP1-ISM OIL PAN	-0.55	
ISMOP2-ISM OIL PAN	-0.20	
ISMRC1-ISM ROCKER COVER	-0.68	
ISMRC2-ISM ROCKER COVER	-0.38	
VSCALL-CAL RC BFL SLUDGE L	0.54	
VSCALR-CAL RC BFL SLUDGE R	1.02	
MAXIMUM	1.02	
MINIMUM	-0.20	
RANGE(MAX-MIN)	1.220	
MEAN	-0.042	
STANDARD DEVIATION	0.674	

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Rater= Mueller, Stefan

YI Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	TOTALS	
ISMOP1-ISM OIL PAN		
ISMOP2-ISM OIL PAN		
ISMRC1-ISM ROCKER COVER		
ISMRC2-ISM ROCKER COVER		
VSCALL-CAL RC BFL SLUDGE L		
VSCALR-CAL RC BFL SLUDGE R		
MAXIMUM		
MINIMUM		
RANGE(MAX-MIN)		
MEAN		
STANDARD DEVIATION		

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Rater= Parvaz, Ibrar

YI Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	TOTALS	
ISMOP1-ISM OIL PAN		
ISMOP2-ISM OIL PAN		
ISMRC1-ISM ROCKER COVER		
ISMRC2-ISM ROCKER COVER		
VSCALL-CAL RC BFL SLUDGE L		
VSCALR-CAL RC BFL SLUDGE R		
MAXIMUM		
MINIMUM		
RANGE(MAX-MIN)		
MEAN		
STANDARD DEVIATION		

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Rater= Pitta, Jimmy

YI Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	TOTALS	
ISMOP1-ISM OIL PAN		
ISMOP2-ISM OIL PAN		
ISMRC1-ISM ROCKER COVER		
ISMRC2-ISM ROCKER COVER		
VSCALL-CAL RC BFL SLUDGE L		
VSCALR-CAL RC BFL SLUDGE R		
MAXIMUM		
MINIMUM		
RANGE(MAX-MIN)		
MEAN		
STANDARD DEVIATION		

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Rater= Potocar, William P

YI Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	TOTALS	
ISMOP1-ISM OIL PAN	0.72	
ISMOP2-ISM OIL PAN	0.66	
ISMRC1-ISM ROCKER COVER	1.01	
ISMRC2-ISM ROCKER COVER	0.79	
VSCALL-CAL RC BFL SLUDGE L	1.15	
VSCALR-CAL RC BFL SLUDGE R	1.39	
MAXIMUM	1.39	
MINIMUM	0.66	
RANGE(MAX-MIN)	0.730	
MEAN	0.953	
STANDARD DEVIATION	0.283	

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Rater= Reese, Kyle

YI Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	TOTALS	
ISMOP1-ISM OIL PAN		
ISMOP2-ISM OIL PAN		
ISMRC1-ISM ROCKER COVER		
ISMRC2-ISM ROCKER COVER		
VSCALL-CAL RC BFL SLUDGE L		
VSCALR-CAL RC BFL SLUDGE R		
MAXIMUM		
MINIMUM		
RANGE(MAX-MIN)		
MEAN		
STANDARD DEVIATION		

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Rater= Richards, Craig

YI Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	TOTALS	
ISMOP1-ISM OIL PAN		
ISMOP2-ISM OIL PAN		
ISMRC1-ISM ROCKER COVER		
ISMRC2-ISM ROCKER COVER		
VSCALL-CAL RC BFL SLUDGE L		
VSCALR-CAL RC BFL SLUDGE R		
MAXIMUM		
MINIMUM		
RANGE(MAX-MIN)		
MEAN		
STANDARD DEVIATION		

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Rater= Rodriguez, Jesus (Jesse)

YI Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	TOTALS	
ISMOP1-ISM OIL PAN	-0.80	
ISMOP2-ISM OIL PAN	-0.49	
ISMRC1-ISM ROCKER COVER	-0.94	
ISMRC2-ISM ROCKER COVER	-0.51	
VSCALL-CAL RC BFL SLUDGE L	-2.13	
VSCALR-CAL RC BFL SLUDGE R	-0.87	
MAXIMUM	-2.13	
MINIMUM	-0.49	
RANGE(MAX-MIN)	-1.640	
MEAN	-0.957	
STANDARD DEVIATION	0.604	

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Rater= Sanchez, Arthur

YI Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	TOTALS	
ISMOP1-ISM OIL PAN	0.57	
ISMOP2-ISM OIL PAN	-0.56	
ISMRC1-ISM ROCKER COVER	0.29	
ISMRC2-ISM ROCKER COVER	0.58	
VSCALL-CAL RC BFL SLUDGE L	0.00	
VSCALR-CAL RC BFL SLUDGE R	-0.25	
MAXIMUM	0.58	
MINIMUM	0.00	
RANGE(MAX-MIN)	0.580	
MEAN	0.105	
STANDARD DEVIATION	0.459	

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Rater= Seiz, Ray

YI Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	TOTALS	
ISMOP1-ISM OIL PAN	-0.95	
ISMOP2-ISM OIL PAN	-0.13	
ISMRC1-ISM ROCKER COVER	-0.05	
ISMRC2-ISM ROCKER COVER	-0.59	
VSCALL-CAL RC BFL SLUDGE L	-1.83	
VSCALR-CAL RC BFL SLUDGE R	-1.23	
MAXIMUM	-1.83	
MINIMUM	-0.05	
RANGE(MAX-MIN)	-1.780	
MEAN	-0.797	
STANDARD DEVIATION	0.682	

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Rater= Stremlow, Mike

YI Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	TOTALS	
ISMOP1-ISM OIL PAN		
ISMOP2-ISM OIL PAN		
ISMRC1-ISM ROCKER COVER		
ISMRC2-ISM ROCKER COVER		
VSCALL-CAL RC BFL SLUDGE L		
VSCALR-CAL RC BFL SLUDGE R		
MAXIMUM		
MINIMUM		
RANGE(MAX-MIN)		
MEAN		
STANDARD DEVIATION		

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Rater= Terrado, Ken

YI Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	TOTALS	
ISMOP1-ISM OIL PAN	0.57	
ISMOP2-ISM OIL PAN	0.23	
ISMRC1-ISM ROCKER COVER	0.37	
ISMRC2-ISM ROCKER COVER	0.54	
VSCALL-CAL RC BFL SLUDGE L		
VSCALR-CAL RC BFL SLUDGE R		
MAXIMUM	0.57	
MINIMUM	0.23	
RANGE(MAX-MIN)	0.340	
MEAN	0.428	
STANDARD DEVIATION	0.158	

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Rater= Trevino, Bobby

YI Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	TOTALS	
ISMOP1-ISM OIL PAN	-0.95	
ISMOP2-ISM OIL PAN	-1.28	
ISMRC1-ISM ROCKER COVER	-0.64	
ISMRC2-ISM ROCKER COVER	-1.01	
VSCALL-CAL RC BFL SLUDGE L	-0.41	
VSCALR-CAL RC BFL SLUDGE R	0.34	
MAXIMUM	-1.28	
MINIMUM	0.34	
RANGE(MAX-MIN)	-1.620	
MEAN	-0.658	
STANDARD DEVIATION	0.575	

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Rater= Veiga, Victor

YI Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	TOTALS	
ISMOP1-ISM OIL PAN	1.39	
ISMOP2-ISM OIL PAN	0.95	
ISMRC1-ISM ROCKER COVER	1.68	
ISMRC2-ISM ROCKER COVER	0.75	
VSCALL-CAL RC BFL SLUDGE L	-0.41	
VSCALR-CAL RC BFL SLUDGE R	-0.63	
MAXIMUM	1.68	
MINIMUM	-0.41	
RANGE(MAX-MIN)	2.090	
MEAN	0.622	
STANDARD DEVIATION	0.945	

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Rater= Viera, Ralph B.

YI Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	TOTALS	
ISMOP1-ISM OIL PAN	-1.00	
ISMOP2-ISM OIL PAN	-1.21	
ISMRC1-ISM ROCKER COVER	-0.98	
ISMRC2-ISM ROCKER COVER	-0.92	
VSCALL-CAL RC BFL SLUDGE L	-1.11	
VSCALR-CAL RC BFL SLUDGE R	-0.06	
MAXIMUM	-1.21	
MINIMUM	-0.06	
RANGE(MAX-MIN)	-1.150	
MEAN	-0.880	
STANDARD DEVIATION	0.415	

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Rater= Zalewski, John

YI Values

* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	TOTALS	
ISMOP1-ISM OIL PAN	-0.70	
ISMOP2-ISM OIL PAN	-0.27	
ISMRC1-ISM ROCKER COVER	1.51	
ISMRC2-ISM ROCKER COVER	1.62	
VSCALL-CAL RC BFL SLUDGE L	-0.34	
VSCALR-CAL RC BFL SLUDGE R	-1.31	
MAXIMUM	1.62	
MINIMUM	-0.27	
RANGE(MAX-MIN)	1.890	
MEAN	0.085	
STANDARD DEVIATION	1.205	

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Demerit Piston Deposits

Rater	Parts Rated	-1<yi<=1	-2<yi<=2	-3<yi<=3	>3	Yi STD	Group	Group Color
Aguirre, Nancy P	33	83.7%	98.1%	100.0%	0.0%	0.67	RED	
Alvernaz, Jack	7	60.0%	95.0%	100.0%	0.0%	0.97	WHITE	
Arrizon, Richard	7	80.4%	100.0%	100.0%	0.0%	0.68	RED	
Avis, Steven	31	80.5%	99.4%	100.0%	0.0%	0.74	RED	
Barrera, Tony	37	90.5%	100.0%	100.0%	0.0%	0.58	BLUE	
Cales, Jonathon	28	84.5%	96.9%	100.0%	0.0%	0.79	RED	
Castillo, George	40	79.7%	98.6%	99.3%	0.7%	0.75	WHITE	
Clare, Jamie	20	66.0%	95.2%	100.0%	0.0%	1.02	WHITE	
Cumberworth, Lee	15	86.3%	96.3%	100.0%	0.0%	0.73	RED	
DeCapite, Vanessa	40	78.3%	100.0%	100.0%	0.0%	0.73	WHITE	
Ellis, Paul	8	48.3%	79.3%	94.8%	5.2%	1.36	YELLOW	
Escobar, Wilmar	15	77.6%	98.5%	100.0%	0.0%	0.71	WHITE	
Foecking, Brian	24	70.1%	97.6%	100.0%	0.0%	0.83	WHITE	
Fujita, Hirokazu	7	67.3%	82.7%	96.2%	3.9%	1.32	YELLOW	
Goulais, Ed	28	30.2%	74.4%	98.8%	1.2%	1.65	YELLOW	
Guarda, Waldyr	40	56.1%	84.2%	100.0%	0.0%	1.28	YELLOW	
Guo, Feng	10	80.7%	98.8%	98.8%	1.2%	0.89	WHITE	
Hill, Howard P.	32	71.9%	97.0%	100.0%	0.0%	0.89	WHITE	
Hodgson, Joshua	14	60.7%	94.1%	98.8%	1.2%	1.10	WHITE	
Hurst, Kevin R.	42	83.0%	98.1%	100.0%	0.0%	0.75	RED	
Kawarasaki, Ikuyasu	7	72.6%	96.1%	100.0%	0.0%	0.97	WHITE	
King, Jennifer	43	74.2%	95.0%	99.2%	0.8%	0.96	WHITE	
Kobrinetz, Joaquin J.	11	94.1%	100.0%	100.0%	0.0%	0.47	BLUE	
Kraemer, Vernon	37	74.2%	91.9%	96.8%	3.2%	1.15	WHITE	
Langford, Mike	21	74.8%	94.6%	100.0%	0.0%	0.97	WHITE	
Liong, Samuel	9	79.2%	98.7%	100.0%	0.0%	0.83	WHITE	
Lonsway, Chris	31	80.8%	99.2%	100.0%	0.0%	0.73	RED	
Lopez, Frank	23	76.9%	96.7%	100.0%	0.0%	0.87	WHITE	
Lowsky, John	40	68.1%	95.7%	100.0%	0.0%	0.90	WHITE	
May, Marianne	36	89.0%	100.0%	100.0%	0.0%	0.60	BLUE	
Mueller, Stefan	20	45.7%	87.0%	100.0%	0.0%	1.38	YELLOW	
Parvaz, Ibrar	40	78.3%	94.4%	99.3%	0.7%	0.92	WHITE	
Pitta, Jimmy	9	85.9%	98.6%	100.0%	0.0%	0.71	BLUE	
Potocar, William P	32	76.3%	97.8%	100.0%	0.0%	0.87	WHITE	
Reese, Kyle	13	58.7%	92.0%	100.0%	0.0%	1.15	YELLOW	
Richards, Craig	37	43.6%	80.7%	96.0%	4.0%	1.55	YELLOW	
Rodriguez, Jesus (Jesse)	40	81.8%	97.9%	100.0%	0.0%	0.78	RED	
Sanchez, Arthur	40	83.1%	99.3%	100.0%	0.0%	0.76	RED	
Seiz, Ray	30	65.9%	92.7%	99.2%	0.8%	0.97	WHITE	
Stremlow, Mike	32	60.9%	82.7%	93.2%	6.8%	1.32	YELLOW	
Terrado, Ken	7	72.6%	98.0%	100.0%	0.0%	0.82	WHITE	
Trevino, Bobby	11	89.1%	98.9%	100.0%	0.0%	0.66	BLUE	
Veiga, Victor	42	70.2%	95.7%	98.8%	1.2%	0.98	WHITE	
Viera, Ralph B.	38	89.7%	97.6%	100.0%	0.0%	0.72	RED	
Zalewski, John	40	86.0%	97.2%	100.0%	0.0%	0.78	RED	

Group Criteria

	Minimum Number of Parts Rated	Minimum Yi's Within 1 STD of mean	Minimum Yi's Within 2 STD of mean	Maximum Overall Yi STD	Group Totals	
White	6	60%	90%	1.20	21	47%
Red	6	80%	95%	0.85	11	24%
Blue	6	85%	98%	0.75	5	11%
Yellow	-	-	-	-	8	18%

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

C13 Ring Carbon

Rater	Parts Rated	-1<yi<=1	-2<yi<=2	-3<yi<=3	>3	Yi STD	Group	Group Color
Barrera, Tony	24	87.5%	100.0%	100.0%	0.0%	0.41	BLUE	
Castillo, George	24	79.2%	100.0%	100.0%	0.0%	0.83	WHITE	
DeCapite, Vanessa	18	50.0%	100.0%	100.0%	0.0%	0.69	YELLOW	
Foecking, Brian	24	83.3%	95.8%	100.0%	0.0%	0.77	RED	
Guarda, Waldyr	24	62.5%	100.0%	100.0%	0.0%	0.83	WHITE	
Hill, Howard P.	24	83.3%	91.7%	100.0%	0.0%	1.05	WHITE	
King, Jennifer	18	88.9%	94.4%	100.0%	0.0%	0.78	WHITE	
Kobrinetz, Joaquin J.	6	66.7%	100.0%	100.0%	0.0%	0.23	WHITE	
Kraemer, Vernon	24	41.7%	100.0%	100.0%	0.0%	0.62	YELLOW	
Lonsway, Chris	18	83.3%	100.0%	100.0%	0.0%	0.71	RED	
May, Marianne	24	70.8%	100.0%	100.0%	0.0%	0.38	WHITE	
Potocar, William P	6	50.0%	83.3%	100.0%	0.0%	1.04	YELLOW	
Sanchez, Arthur	12	58.3%	100.0%	100.0%	0.0%	0.76	YELLOW	
Seiz, Ray	18	50.0%	83.3%	100.0%	0.0%	0.97	YELLOW	
Stremlow, Mike	6	50.0%	100.0%	100.0%	0.0%	1.19	YELLOW	
Trevino, Bobby	12	100.0%	100.0%	100.0%	0.0%	0.52	BLUE	
Viera, Ralph B.	24	75.0%	95.8%	100.0%	0.0%	0.86	WHITE	

Group Criteria

	Minimum Number of Parts Rated	Minimum Yi's Within 1 STD of mean	Minimum Yi's Within 2 STD of mean	Maximum Overall Yi STD	Group Totals	
White	6	60%	90%	1.20	7	41%
Red	6	80%	95%	0.85	2	12%
Blue	6	85%	98%	0.75	2	12%
Yellow	-	-	-	-	6	35%

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

SLUDGE

Rater	Parts Rated	-1<yi<=1	-2<yi<=2	-3<yi<=3	>3	Yi STD	Group	Group Color
Aguirre, Nancy P	6	50.0%	100.0%	100.0%	0.0%	0.34	YELLOW	
Avis, Steven	6	50.0%	100.0%	100.0%	0.0%	0.39	YELLOW	
Barrera, Tony	6	0.0%	100.0%	100.0%	0.0%	0.28	YELLOW	
Cales, Jonathon	6	83.3%	100.0%	100.0%	0.0%	0.73	RED	
Castillo, George	6	83.3%	100.0%	100.0%	0.0%	0.85	WHITE	
Clare, Jamie	6	50.0%	100.0%	100.0%	0.0%	0.39	YELLOW	
Cumberworth, Lee	6	83.3%	100.0%	100.0%	0.0%	1.03	WHITE	
DeCapite, Vanessa	6	50.0%	100.0%	100.0%	0.0%	0.27	YELLOW	
Foecking, Brian	6	100.0%	100.0%	100.0%	0.0%	0.20	BLUE	
Goulais, Ed	2	100.0%	100.0%	100.0%	0.0%	0.86	N/A	
Guarda, Waldyr	6	100.0%	100.0%	100.0%	0.0%	0.38	BLUE	
Hill, Howard P.	6	33.3%	50.0%	100.0%	0.0%	0.93	YELLOW	
Hurst, Kevin R.	6	66.7%	100.0%	100.0%	0.0%	0.61	WHITE	
King, Jennifer	2	100.0%	100.0%	100.0%	0.0%	0.25	N/A	
Kobrinetz, Joaquin J.	6	50.0%	100.0%	100.0%	0.0%	1.03	YELLOW	
Kraemer, Vernon	6	66.7%	100.0%	100.0%	0.0%	0.94	WHITE	
Langford, Mike	6	50.0%	100.0%	100.0%	0.0%	0.46	YELLOW	
Lonsway, Chris	6	83.3%	100.0%	100.0%	0.0%	0.43	RED	
Lopez, Frank	6	83.3%	100.0%	100.0%	0.0%	0.76	RED	
Lowsky, John	6	50.0%	100.0%	100.0%	0.0%	0.49	YELLOW	
May, Marianne	6	83.3%	100.0%	100.0%	0.0%	0.67	RED	
Potocar, William P	6	50.0%	100.0%	100.0%	0.0%	0.28	YELLOW	
Rodriguez, Jesus (Jesse)	6	83.3%	83.3%	100.0%	0.0%	0.61	YELLOW	
Sanchez, Arthur	6	100.0%	100.0%	100.0%	0.0%	0.46	BLUE	
Seiz, Ray	6	66.7%	100.0%	100.0%	0.0%	0.68	WHITE	
Terrado, Ken	4	100.0%	100.0%	100.0%	0.0%	0.16	N/A	
Trevino, Bobby	6	66.7%	100.0%	100.0%	0.0%	0.58	WHITE	
Veiga, Victor	6	66.7%	100.0%	100.0%	0.0%	0.95	WHITE	
Viera, Ralph B.	6	50.0%	100.0%	100.0%	0.0%	0.41	YELLOW	
Zalewski, John	6	50.0%	100.0%	100.0%	0.0%	1.21	YELLOW	

Group Criteria

	Minimum Number of Parts Rated	Minimum Yi's Within 1 STD of mean	Minimum Yi's Within 2 STD of mean	Maximum Overall Yi STD	Group Totals	
White	6	60%	90%	1.20	7	26%
Red	6	80%	95%	0.85	4	15%
Blue	6	85%	98%	0.75	3	11%
Yellow	-	-	-	-	13	48%

HEAVY DUTY RATING WORKSHOP (2014 October 7-9)

Sequence V Varnish

Rater	Parts Rated	-1<yi<=1	-2<yi<=2	-3<yi<=3	>3	Yi STD	Group	Group Color
Aguirre, Nancy P	2	100.0%	100.0%	100.0%	0.0%	0.04	N/A	
Avis, Steven	2	100.0%	100.0%	100.0%	0.0%	0.21	N/A	
Barrera, Tony	2	100.0%	100.0%	100.0%	0.0%	0.20	N/A	
Cales, Jonathon	2	100.0%	100.0%	100.0%	0.0%	0.11	N/A	
Castillo, George	2	50.0%	100.0%	100.0%	0.0%	1.26	N/A	
Clare, Jamie	2	0.0%	50.0%	100.0%	0.0%	0.63	N/A	
Cumberworth, Lee	2	50.0%	100.0%	100.0%	0.0%	0.50	N/A	
DeCapite, Vanessa	2	100.0%	100.0%	100.0%	0.0%	0.33	N/A	
Foecking, Brian	2	100.0%	100.0%	100.0%	0.0%	0.08	N/A	
Goulais, Ed	2	100.0%	100.0%	100.0%	0.0%	0.03	N/A	
Guarda, Waldyr	2	0.0%	50.0%	100.0%	0.0%	0.43	N/A	
Hill, Howard P.	1	0.0%	0.0%	0.0%	100.0%	0.00	N/A	
Hurst, Kevin R.	2	50.0%	100.0%	100.0%	0.0%	0.12	N/A	
King, Jennifer	2	100.0%	100.0%	100.0%	0.0%	0.78	N/A	
Kraemer, Vernon	2	100.0%	100.0%	100.0%	0.0%	0.26	N/A	
Langford, Mike	2	100.0%	100.0%	100.0%	0.0%	0.12	N/A	
Lonsway, Chris	2	100.0%	100.0%	100.0%	0.0%	0.19	N/A	
Lopez, Frank	2	100.0%	100.0%	100.0%	0.0%	0.07	N/A	
Lowsky, John	2	50.0%	100.0%	100.0%	0.0%	0.39	N/A	
May, Marianne	2	100.0%	100.0%	100.0%	0.0%	0.23	N/A	
Potocar, William P	2	50.0%	100.0%	100.0%	0.0%	0.58	N/A	
Rodriguez, Jesus (Jesse)	2	50.0%	100.0%	100.0%	0.0%	0.39	N/A	
Sanchez, Arthur	2	100.0%	100.0%	100.0%	0.0%	0.56	N/A	
Seiz, Ray	2	100.0%	100.0%	100.0%	0.0%	0.38	N/A	
Trevino, Bobby	2	100.0%	100.0%	100.0%	0.0%	0.31	N/A	
Veiga, Victor	2	50.0%	100.0%	100.0%	0.0%	0.56	N/A	
Viera, Ralph B.	2	50.0%	100.0%	100.0%	0.0%	0.51	N/A	
Zalewski, John	2	100.0%	100.0%	100.0%	0.0%	0.28	N/A	

Group Criteria

	Minimum Number of Parts Rated	Minimum Yi's Within 1 STD of mean	Minimum Yi's Within 2 STD of mean	Maximum Overall Yi STD	Group Totals	
White	6	60%	90%	1.20	0	0%
Red	6	80%	95%	0.85	0	0%
Blue	6	85%	98%	0.75	0	0%
Yellow	-	-	-	-	0	0%