



Test Monitoring Center

Carnegie Mellon University
6555 Penn Avenue, Pittsburgh, PA 15206, USA

<http://astmtmc.cmu.edu>
412-365-1000

November 5, 2013

To Participants of the ASTM International Heavy Duty Rating Workshop:

The ASTM International Heavy Duty Rating Workshop was held on October 8-10, 2013 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 8-10, 2013, 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 8-10, 2013

San Antonio, Texas

Tuesday, October 8, 2013

The workshop began at 8:10am with 45 raters 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.

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 certain parts was also discussed.

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.

At 9:00am, the group began rating the Preliminary Exercise.

At 12:00pm, the group adjourned for lunch.

At 12:25pm, the group returned to finish up the rating of the Preliminary Exercise.

At 3:05pm, the group reviewed the Preliminary Exercise rating data.

At 4:45pm, the group began rating the Practical Application exercise.

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

Wednesday, October 9, 2013

Rating of the Practical Application exercise parts continued all day, with a break for lunch at 11:45am. The room was opened at 6:15am and closed at 5:15pm for the day.

Thursday, October 10, 2013

The room was opened for rating at 6:00am and the group finished rating the Practical Application exercise parts.

At 11:45am, the group adjourned for lunch.

At 12:30pm, the group returned to finish up the rating of Practical Application exercise.

At 1:30pm, the group reviewed the Practical Application exercise data.

At 4:30pm, the workshop concluded.

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October 8-10, 2013

San Antonio, Texas

Discussions

Inexperienced Rater Attendees

A growing issue at the rating workshops is attendance by raters with little or no experience in rating methods. Several attendees at this workshop had never rated before and had no training in the rating process. This resulted in rating booths being tied up for several hours by one attendee, which had a significant, negative impact on the other attendees at the workshop. One participant even had to resort to rating one of his assigned pistons over the shoulder of another attendee, as this person had occupied this particular rating booth for several hours.

As noted in the invitation letter, participants are expected to have some rating experience prior to attending a rating workshop. The workshop is not intended to be a training event for new or inexperienced raters.

At the next workshop, the registration process will require participants to self-identify their rating experience. This identification will be used to screen inexperienced participant data from the workshop analysis. In addition, the TMC will restrict seat time in the rating booths to a reasonable allotment.

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 Outlier 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-A	Nakano, Shinya	Groove 2	4.04
CAL-B	Castro, Rafael	Groove 3	4.45
	Nakano, Shinya	Land 3	4.60
	Seeck, Christian	Top Groove Fill	-4.40
CAL-C	Escobar, Wilmar	Groove 3	-4.47
	Broff, Andy	Land 3	-4.34
CAL-D	Kraemer, Vernon	Groove 1	4.27
Cal-W	Broff, Andy	Groove 2	4.73
	Booth, Jeffrey	Groove 3	-4.90
VVCALL	Seiz, Ray	Average Sludge	-3.78
VVCALR	Broff, Andy	Average Sludge	-3.60
A1	Escobar, Wilmar	Groove 4	3.12
		Land 2	3.22
	Fujita, Hirokazu	Land 4	3.36
A2	Escobar, Wilmar	Land 2	3.61
A4	Escobar, Wilmar	Groove 4	3.63
	Langford, Mike	Top Groove Fill	3.16

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Part ID	Rater	Outlier Rating	Yi Value
A5	Hill, Howard	Groove 2	-3.49
A7	Castro, Rafael	Groove 2	3.18
		Land 2	3.23
		Land 3	3.08
A8	Seiz, Ray	Land 2	3.07
		Groove 2	3.49
	Nakano, Shinya	Undercrown	-3.40
B1	Booth, Jeffrey	Land 2	3.26
		Land 3	3.16
B5	Thomsen, Sven	Land 3	-3.46
B7	Seiz, Ray	Groove 2	3.17
B8	Parvaz, Ibrar	Undercrown	-3.14
		Anti-Thrust	3.26
C1	Jadulal, Vishnu	Groove 1	3.99
		Groove 4	3.54
		Land 2	3.36
C3	Broff, Andy	Land 2	3.29
C4	Jadulal, Vishnu	Groove 4	3.51
C5	Jadulal, Vishnu	Groove 1	3.59
		Land 3	3.28
		Undercrown	3.52
C6	Veiga, Victor	Land 2	3.08
		Top Land Heavy Carbon	3.41
C8	Seeck, Christian	Land 2	-3.17
	Broff, Andy	Land 3	-3.15
T1	Escobar, Wilmar	Groove 3	3.33
		Land 2	3.51
		Land 3	3.49
U1	Seiz, Ray	Land 3	3.49
V1	Seiz, Ray	Groove 1	2.97
		Groove 2	3.32
		Groove 3	3.17
	Viera, Ralph B.	Land 3	2.97
X1	Escobar, Wilmar	Groove 1	3.90
Y1	Kraemer, Vernon	Groove 2	3.60
		Groove 3	3.74
		Land 3	3.75
Z1	Broff, Andy	Groove 3	-3.13
ISMRC1	Hill, Howard	Average Sludge	-3.89

Rating Booth Lighting Survey

Work is continuing on the effort to clarify the rating booth lighting requirements listed in TMC Manual 20. A survey was distributed amongst workshop participants in the past, but it was subsequently determined that the survey did not gather all the necessary information required to resolve this issue.

An additional survey will be distributed; one that includes actual light measurements from the existing rating booths in use in industry, and the TMC plans to supplement this activity with data gathered during lab

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October 8-10, 2013

San Antonio, Texas

visits. Once that activity is completed, the data will be summarized and returned to the ASTM Deposit/Distress Rating Methods Advisory Panel for their consideration and action.

Future Workshops

The next Light Duty Rating Workshop will be held on April 8-10, 2014, at this same location. The next Heavy Duty Rating Workshop will be held on October 7-9, 2014, at this same location.

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 2013

Sign-In Sheet

Aguirre, Nancy P	<i>Nancy P Aguirre</i>
Arrizon, Richard	<i>Richard Arrizon</i>
Avis, Steven	<i>Steve</i>
Barrera, Tony	<i>Tony Barrera</i>
Booth, Jeffrey	<i>Jeff Booth</i>
Castillo, George	<i>George Castillo</i>
Castro, Rafael	<i>Rafael Castro</i>
Clapperty, Leon	<i>Leon Clapperty</i>
Clare, Jamie	<i>J. Clare</i>
DeCapite, Vanessa	<i>Vanessa DeCapite</i>
Foecking, Brian	<i>Brian Foecking</i>
Forster, Michael	<i>Mike Forster</i>
Fujita, Hirokazu	<i>Hirokazu Fujita</i>
Guarda, Waldyr	<i>Waldyr Guarda</i>
Gutzwiller, Jim	<i>Jim Gutzwiller</i>
Hill, Howard P.	<i>Howard P Hill</i>
Hurst, Kevin R.	<i>Kevin R Hurst</i>
Jadual, Vishnu	<i>V. Sadulal</i>
Kanauchi, Masaya	<i>Masaya Kanauchi</i>
Kobrinetz, Joaquin J.	<i>Joaquin J Kobrinetz</i>
Kraemer, Vernon	<i>Vernon Kraemer</i>
Langford, Mike	<i>Mike Langford</i>
Lauderdale, Ed	<i>Ed Lauderdale</i>
Lonsway, Chris	<i>Chris Lonsway</i>
Lopez, Frank	<i>Frank Lopez</i>
Lowsky, John	<i>John Lowsky</i>
May, Marianne	<i>Marianne May</i>
Nakano, Shinya	<i>SHINYA NAKANO</i>

Heavy Duty Rating Workshop 2013

Sign-In Sheet

Parvaz, Ibrar

Ibrar

Pitta, Jimmy

Jimmy Pitta

Potocar, William P

William P Potocar

Rodriguez, Jesus (Jesse)

Jesse Rodriguez

Sanchez, Arthur

Arthur Sanchez

Seeck, Christian

Christian Seek

Seiz, Ray

Ray Seiz

Terrado, Ken

Ken Terrado

Thomsen, Sven

Sven Thomsen

Trevino, Bobby

Bobby Trevino

Veiga, Victor

Victor Veiga

Viera, Ralph B.

Ralph B. Viera

Xu, Ting Hai

Xu Ting Hai

Zalewski, John

John Zalewski

Cumberworth, Lee

Shenghua Li

Lee Cumberworth

Wilmar Escobar

Wilmar Escobar

ANDREW BROFF

Andrew Broff





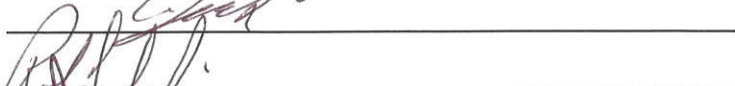
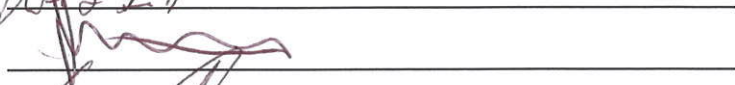

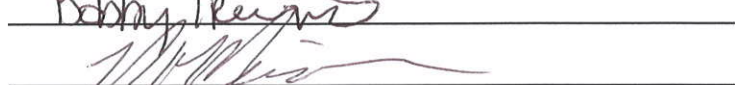
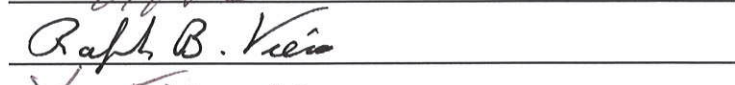

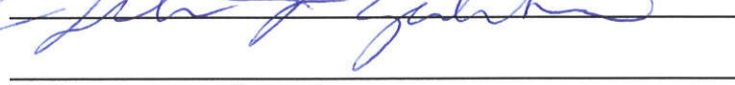
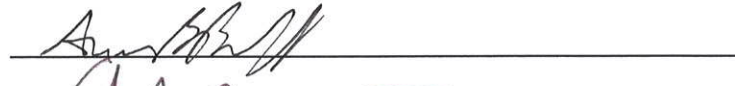






Heavy Duty Rating Workshop 2013

Sign-In Sheet

Aguirre, Nancy P	Nancy P. Aguirre
Arrizon, Richard	Richard Arrizon
Avis, Steven	Steven Avis
Barrera, Tony	Tony C. Barrera
Booth, Jeffrey	Jeffrey Booth
Castillo, George	George Castillo
Castro, Rafael	Rafael Castro
Clapperty, Leon	Leon Clapperty
Clare, Jamie	J. M. Clare
DeCapite, Vanessa	Vanessa DeCapite
Foecking, Brian	Brian Foecking
Forster, Michael	Mike Forster
Fujita, Hirokazu	Fujita Hirokazu
Guarda, Waldyr	Waldyr Guarda
Gutzwiller, Jim	Jim Gutzwiller
Hill, Howard P.	Howard P. Hill
Hurst, Kevin R.	Kevin R. Hurst
Jadulal, Vishnu	V. S. Jadulal
Kanauchi, Masaya	Masaya Kanauchi
Kobrinetz, Joaquin J.	Joaquin J. Kobrinetz
Kraemer, Vernon	Vernon Kraemer
Langford, Mike	Mike Langford
Lauderdale, Ed	Ed Lauderdale
Lonsway, Chris	Chris Lonsway
Lopez, Frank	Frank Lopez
Lowsky, John	John M. Lowsky
May, Marianne	Marianne May
Nakano, Shinya	Shinya Nakano

Heavy Duty Rating Workshop 2013

Sign-In Sheet

Parvaz, Ibrar	
Pitta, Jimmy	
Potocar, William P	
Rodriguez, Jesus (Jesse)	
Sanchez, Arthur	
Seeck, Christian	
Seiz, Ray	
Terrado, Ken	
Thomsen, Sven	
Trevino, Bobby	
Veiga, Victor	
Viera, Ralph B.	
Xu, Ting Hai	
Zalewski, John	
Cumberworth, Lee	
Broff, Andy	
Escobar, Wilmar	
Li, Shenghua	

Heavy Duty Rating Workshop 2013

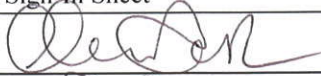
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Barrera, Tony	Tony Barrera
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Castillo, George	George Castillo
Castro, Rafael	Rafael Castro
Clapperty, Leon	Leon Clapperty
Clare, Jamie	J. Clare
DeCapite, Vanessa	Vanessa DeCapite
Foecking, Brian	Brian Foecking
Forster, Michael	Mike Forster
Fujita, Hirokazu	Hirokazu Fujita
Guarda, Waldyr	Waldyr Guarda
Gutzwiller, Jim	Jim Gutzwiller
Hill, Howard P.	Howard P Hill
Hurst, Kevin R.	Kevin R Hurst
Jadulal, Vishnu	V. Sadulal
Kanauchi, Masaya	Masaya Kanauchi
Kobrinetz, Joaquin J.	Joaquin J Kobrinetz
Kraemer, Vernon	Vernon Kraemer
Langford, Mike	Mike Langford
Lauderdale, Ed	Ed Lauderdale
Lonsway, Chris	Chris Lonsway
Lopez, Frank	Frank Lopez
Lowsky, John	John M Lowsky
May, Marianne	Marianne May
Nakano, Shinya	Shinya Nakano

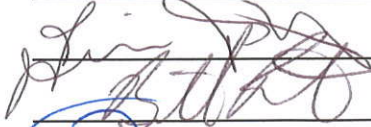
Heavy Duty Rating Workshop 2013

Sign-In Sheet


Parvaz, Ibrar



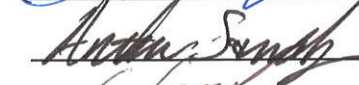
Pitta, Jimmy



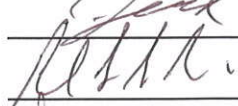
Potocar, William P



Rodriguez, Jesus (Jesse)



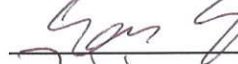
Sanchez, Arthur



Seeck, Christian




Seiz, Ray



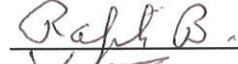
Terrado, Ken



Thomsen, Sven



Trevino, Bobby



Veiga, Victor



Viera, Ralph B.



Xu, Ting Hai



Zalewski, John



Cumberworth, Lee



Broff, Andy



Escobar, Wilmar



Li, Shenghua



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 2013



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 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 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 are not included in the packet, but are available on a table at the back of the room.*



Rating Manuals

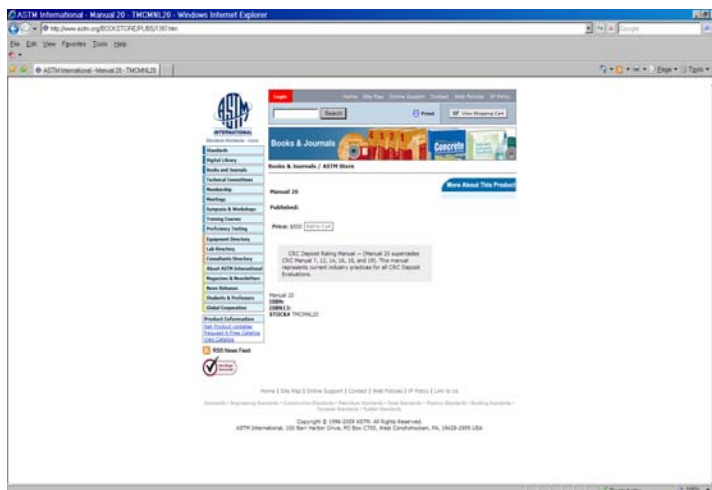
ASTM Headquarters supplies:

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

Go to : WWW.ASTM.ORG



Ordering 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
 - Deposits (nine Sequence III, six square-cut, three Keystone, and three C13-type; divided into three sets of eight pistons)
 - PSV (three Sequence V piston sets [8 pistons per set])
 - C13 Rings (three sets of six rings)
 - Three DV4 pistons
 - Three Field Pistons



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.



Review of CRC 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)



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.



Carbon Types

Non-Rubbed Carbon Deposits - those carbon deposits that can form in and on those pieces of hardware that do not move or do not have motion relative to a mating or adjoining surface. Examples may include, but are not limited to, induction systems, combustion chambers, and piston tops. (page 49)

– **Rubbed Carbon Deposits** – those carbon deposits that can form in and on those pieces of hardware whose motion is relative to a mating or adjoining surface and whose clearance tolerances are such that the deposits can fill all of the available space. (page 49)



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.



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.



“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.



“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 worksheets (or the actual Test Method for the part in question) record your actual rating values and not the bracketed rating result.



Rating Myths Dispelled

- **Myth:** *“There are lots of ways to get to the final rating number on a part.”*
- **Fact:** 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 2013 - 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 2013 - 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 (2013 October 8-10)

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	
Aguirre, Nancy P	65.72	12.62	0.26	13.11	1.89	74.00	
Arrizon, Richard	66.09	16.95	0.10	15.89	2.34	73.00	
Avis, Steven	77.55	13.45	0.05	14.29	1.57	78.00	
Castro, Rafael	61.49	13.78	1.02	13.15	2.51	75.00	
Clapperty, Leon	58.64	12.39	0.21	11.95	1.19	75.00	
Clare, Jamie	72.40	10.79	0.27	12.16	1.03	90.00	
Fujita, Hirokazu	64.81	12.41	0.30	14.71	3.35	76.00	
Guarda, Waldyr	72.65	11.91	0.20	19.44	4.36	88.00	
Gutzwiller, Jim	76.55	11.51	0.20	16.85	2.48	96.00	
Kanauchi, Masaya	60.15	20.79	0.10	12.95	2.39	79.00	
Kobrinetz, Joaquin J.	74.64	13.32	0.03	13.61	2.50	89.00	
Kraemer, Vernon	84.00	11.99	0.30	13.62	1.39	76.00	
Langford, Mike	73.63	15.03	0.57	15.30	2.30	87.00	
Lauderdale, Ed	73.36	16.73	0.10	8.23	1.70	79.00	
Lopez, Frank	76.25	14.66	0.10	16.11	1.93	71.00	
Nakano, Shinya	70.84	35.68	1.00	14.12	1.02	77.00	
Parvaz, Ibrar	78.92	18.51	0.15	0.95	1.70	80.00	
Pitta, Jimmy	73.15	13.11	0.00	14.79	1.58	80.00	
Sanchez, Arthur	73.74	9.69	0.32	8.78	1.37	72.00	
Seeck, Christian	76.12	20.98	0.00	14.37	1.87	30.00	
Seiz, Ray	79.87	16.78	0.20	13.30	1.31	74.00	
Terrado, Ken	71.60	15.52	0.10	10.93	2.12	76.00	
Thomsen, Sven	73.88	14.34	0.00	6.62	1.92	80.00	
Viera, Ralph B.	67.22	15.51	0.17	15.70	1.79	68.00	
Xu, Ting Hai	81.12	12.00	0.10	11.45	1.60	80.00	
Zalewski, John	74.23	17.06	0.11	9.98	0.45	97.00	
MAXIMUM	84.00	35.68	1.02	19.44	4.36	97.00	
MINIMUM	58.64	9.69	0.00	0.95	0.45	30.00	
RANGE(MAX-MIN)	25.360	25.990	1.020	18.490	3.910	67.000	
MEAN	72.255	15.289	0.229	12.783	1.910	77.692	
STANDARD DEVIATION	6.408	5.050	0.262	3.696	0.782	12.204	
N SIZE	26.000						

HEAVY DUTY RATING WORKSHOP (2013 October 8-10)

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
Aguirre, Nancy P	-1.02	-0.53	0.12	0.09	-0.03	-0.30
Arrizon, Richard	-0.96	0.33	-0.49	0.84	0.55	-0.38
Avis, Steven	0.83	-0.36	-0.68	0.41	-0.43	0.03
Castro, Rafael	-1.68	-0.30	3.02	0.10	0.77	-0.22
Clapperty, Leon	-2.12	-0.57	-0.07	-0.23	-0.92	-0.22
Clare, Jamie	0.02	-0.89	0.16	-0.17	-1.13	1.01
Fujita, Hirokazu	-1.16	-0.57	0.27	0.52	1.84	-0.14
Guarda, Waldyr	0.06	-0.67	-0.11	1.80	3.13	0.84
Gutzwiller, Jim	0.67	-0.75	-0.11	1.10	0.73	1.50
Kanauchi, Masaya	-1.89	1.09	-0.49	0.05	0.61	0.11
Kobrinetz, Joaquin J.	0.37	-0.39	-0.76	0.22	0.75	0.93
Kraemer, Vernon	1.83	-0.65	0.27	0.23	-0.67	-0.14
Langford, Mike	0.21	-0.05	1.30	0.68	0.50	0.76
Lauderdale, Ed	0.17	0.29	-0.49	-1.23	-0.27	0.11
Lopez, Frank	0.62	-0.12	-0.49	0.90	0.03	-0.55
Nakano, Shinya	-0.22	4.04	2.94	0.36	-1.14	-0.06
Parvaz, Ibrar	1.04	0.64	-0.30	-3.20	-0.27	0.19
Pitta, Jimmy	0.14	-0.43	-0.88	0.54	-0.42	0.19
Sanchez, Arthur	0.23	-1.11	0.35	-1.08	-0.69	-0.47
Seeck, Christian	0.60	1.13	-0.88	0.43	-0.05	-3.91
Seiz, Ray	1.19	0.30	-0.11	0.14	-0.77	-0.30
Terrado, Ken	-0.10	0.05	-0.49	-0.50	0.27	-0.14
Thomsen, Sven	0.25	-0.19	-0.88	-1.67	0.01	0.19
Viera, Ralph B.	-0.79	0.04	-0.23	0.79	-0.15	-0.79
Xu, Ting Hai	1.38	-0.65	-0.49	-0.36	-0.40	0.19
Zalewski, John	0.31	0.35	-0.46	-0.76	-1.87	1.58
MAXIMUM	-2.12	4.04	3.02	-3.20	3.13	-3.91
MINIMUM	0.02	0.04	-0.07	0.05	0.01	0.03
RANGE(MAX-MIN)	-2.147	3.994	3.094	-3.247	3.121	-3.933
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 (2013 October 8-10)

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	
Aguirre, Nancy P	65.72	12.62	0.26	13.11	1.89	74.00	
Arrizon, Richard	66.09	16.95	0.10	15.89	2.34	73.00	
Avis, Steven	77.55	13.45	0.05	14.29	1.57	78.00	
Castro, Rafael	61.49	13.78	1.02	13.15	2.51	75.00	
Clapperty, Leon	58.64	12.39	0.21	11.95	1.19	75.00	
Clare, Jamie	72.40	10.79	0.27	12.16	1.03	90.00	
Fujita, Hirokazu	64.81	12.41	0.30	14.71	3.35	76.00	
Guarda, Waldyr	72.65	11.91	0.20	19.44	4.36	88.00	
Gutzwiller, Jim	76.55	11.51	0.20	16.85	2.48	96.00	
Kanauchi, Masaya	60.15	20.79	0.10	12.95	2.39	79.00	
Kobrinetz, Joaquin J.	74.64	13.32	0.03	13.61	2.50	89.00	
Kraemer, Vernon	84.00	11.99	0.30	13.62	1.39	76.00	
Langford, Mike	73.63	15.03	0.57	15.30	2.30	87.00	
Lauderdale, Ed	73.36	16.73	0.10	8.23	1.70	79.00	
Lopez, Frank	76.25	14.66	0.10	16.11	1.93	71.00	
Parvaz, Ibrar	78.92	18.51	0.15	0.95	1.70	80.00	
Pitta, Jimmy	73.15	13.11	0.00	14.79	1.58	80.00	
Sanchez, Arthur	73.74	9.69	0.32	8.78	1.37	72.00	
Seeck, Christian	76.12	20.98	0.00	14.37	1.87	30.00	
Seiz, Ray	79.87	16.78	0.20	13.30	1.31	74.00	
Terrado, Ken	71.60	15.52	0.10	10.93	2.12	76.00	
Thomsen, Sven	73.88	14.34	0.00	6.62	1.92	80.00	
Viera, Ralph B.	67.22	15.51	0.17	15.70	1.79	68.00	
Xu, Ting Hai	81.12	12.00	0.10	11.45	1.60	80.00	
Zalewski, John	74.23	17.06	0.11	9.98	0.45	97.00	
MAXIMUM	84.00	20.98	1.02	19.44	4.36	97.00	
MINIMUM	58.64	9.69	0.00	0.95	0.45	30.00	
RANGE(MAX-MIN)	25.360	11.290	1.020	18.490	3.910	67.000	
MEAN	72.311	14.473	0.198	12.730	1.946	77.720	
STANDARD DEVIATION	6.533	2.924	0.214	3.762	0.776	12.455	
N SIZE	25.000						

HEAVY DUTY RATING WORKSHOP (2013 October 8-10)

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	
Aguirre, Nancy P	-1.01	-0.63	0.29	0.10	-0.07	-0.30	
Arrizon, Richard	-0.95	0.85	-0.46	0.84	0.51	-0.38	
Avis, Steven	0.80	-0.35	-0.69	0.41	-0.48	0.02	
Castro, Rafael	-1.66	-0.24	3.85	0.11	0.73	-0.22	
Clapperty, Leon	-2.09	-0.71	0.05	-0.21	-0.97	-0.22	
Clare, Jamie	0.01	-1.26	0.34	-0.15	-1.18	0.99	
Fujita, Hirokazu	-1.15	-0.71	0.48	0.53	1.81	-0.14	
Guarda, Waldyr	0.05	-0.88	0.01	1.78	3.11	0.83	
Gutzwiller, Jim	0.65	-1.01	0.01	1.10	0.69	1.47	
Kanauchi, Masaya	-1.86	2.16	-0.46	0.06	0.57	0.10	
Kobrinetz, Joaquin J.	0.36	-0.39	-0.79	0.23	0.71	0.91	
Kraemer, Vernon	1.79	-0.85	0.48	0.24	-0.72	-0.14	
Langford, Mike	0.20	0.19	1.74	0.68	0.46	0.75	
Lauderdale, Ed	0.16	0.77	-0.46	-1.20	-0.32	0.10	
Lopez, Frank	0.60	0.06	-0.46	0.90	-0.02	-0.54	
Parvaz, Ibrar	1.01	1.38	-0.23	-3.13	-0.32	0.18	
Pitta, Jimmy	0.13	-0.47	-0.93	0.55	-0.47	0.18	
Sanchez, Arthur	0.22	-1.64	0.57	-1.05	-0.74	-0.46	
Seeck, Christian	0.58	2.23	-0.93	0.44	-0.10	-3.83	
Seiz, Ray	1.16	0.79	0.01	0.15	-0.82	-0.30	
Terrado, Ken	-0.11	0.36	-0.46	-0.48	0.22	-0.14	
Thomsen, Sven	0.24	-0.05	-0.93	-1.62	-0.03	0.18	
Viera, Ralph B.	-0.78	0.35	-0.13	0.79	-0.20	-0.78	
Xu, Ting Hai	1.35	-0.85	-0.46	-0.34	-0.45	0.18	
Zalewski, John	0.29	0.88	-0.41	-0.73	-1.93	1.55	
MAXIMUM	-2.09	2.23	3.85	-3.13	3.11	-3.83	
MINIMUM	0.01	-0.05	0.01	0.06	-0.02	0.02	
RANGE(MAX-MIN)	-2.106	2.271	3.839	-3.190	3.131	-3.854	
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 (2013 October 8-10)

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	32.32	5.02	0.38	19.80	2.75	66.00	
Barrera, Tony	33.96	5.19	0.29	21.35	2.79	68.00	
Booth, Jeffrey	45.00	6.60	0.20	20.84	4.29	75.00	
Castro, Rafael	40.65	6.30	2.00	33.39	3.96	67.00	
Clapperty, Leon	32.63	6.09	0.18	16.76	1.80	71.00	
DeCapite, Vanessa	30.50	5.39	0.00	22.76	3.52	80.00	
Foecking, Brian	31.92	5.88	0.00	20.80	4.25	71.00	
Fujita, Hirokazu	38.61	5.91	0.20	18.22	3.68	68.00	
Hill, Howard P.	33.70	2.78	0.03	19.28	4.33	69.50	
Hurst, Kevin R.	38.10	6.32	0.10	17.21	3.12	70.00	
Kanauchi, Masaya	42.39	6.51	0.12	18.79	3.81	74.00	
Kobrinetz, Joaquin J.	33.27	6.15	0.03	20.40	1.18	68.00	
Langford, Mike	32.78	7.15	0.00	19.58	3.18	72.00	
Li, Shenghua	43.74	3.05	0.00	21.56	3.20	73.00	
Lopez, Frank	35.88	5.74	0.10	17.45	2.47	72.00	
Lowsky, John	32.38	2.39	0.00	18.94	3.12	67.00	
Nakano, Shinya	48.49	7.87	0.50	23.20	23.20	76.00	
Pitta, Jimmy	38.27	6.95	0.00	18.79	3.35	68.00	
Potocar, William P	32.95	6.61	0.10	21.93	3.78	71.00	
Rodriguez, Jesus (Jesse)	44.38	8.29	0.10	20.80	3.38	67.00	
Seeck, Christian	43.15	7.03	0.01	20.82	3.30	24.00	
Thomsen, Sven	32.45	5.16	0.05	11.81	4.71	70.00	
Trevino, Bobby	39.98	5.52	0.10	23.33	2.41	66.00	
Viera, Ralph B.	31.92	6.51	0.06	21.41	3.00	67.00	
MAXIMUM	48.49	8.29	2.00	33.39	23.20	80.00	
MINIMUM	30.50	2.39	0.00	11.81	1.18	24.00	
RANGE(MAX-MIN)	17.990	5.900	2.000	21.580	22.020	56.000	
MEAN	37.059	5.850	0.190	20.384	4.108	68.354	
STANDARD DEVIATION	5.262	1.446	0.407	3.714	4.146	10.070	
N SIZE	24.000						

HEAVY DUTY RATING WORKSHOP (2013 October 8-10)

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	-0.90	-0.57	0.47	-0.16	-0.33	-0.23
Barrera, Tony	-0.59	-0.46	0.25	0.26	-0.32	-0.04
Booth, Jeffrey	1.51	0.52	0.03	0.12	0.04	0.66
Castro, Rafael	0.68	0.31	4.45	3.50	-0.04	-0.13
Clapperty, Leon	-0.84	0.17	-0.02	-0.98	-0.56	0.26
DeCapite, Vanessa	-1.25	-0.32	-0.47	0.64	-0.14	1.16
Foecking, Brian	-0.98	0.02	-0.47	0.11	0.03	0.26
Fujita, Hirokazu	0.29	0.04	0.03	-0.58	-0.10	-0.04
Hill, Howard P.	-0.64	-2.12	-0.39	-0.30	0.05	0.11
Hurst, Kevin R.	0.20	0.32	-0.22	-0.85	-0.24	0.16
Kanauchi, Masaya	1.01	0.46	-0.17	-0.43	-0.07	0.56
Kobrinetz, Joaquin J.	-0.72	0.21	-0.39	0.00	-0.71	-0.04
Langford, Mike	-0.81	0.90	-0.47	-0.22	-0.22	0.36
Li, Shenghua	1.27	-1.94	-0.47	0.32	-0.22	0.46
Lopez, Frank	-0.22	-0.08	-0.22	-0.79	-0.39	0.36
Lowsky, John	-0.89	-2.39	-0.47	-0.39	-0.24	-0.13
Nakano, Shinya	2.17	1.40	0.76	0.76	4.60	0.76
Pitta, Jimmy	0.23	0.76	-0.47	-0.43	-0.18	-0.04
Potocar, William P	-0.78	0.53	-0.22	0.42	-0.08	0.26
Rodriguez, Jesus (Jesse)	1.39	1.69	-0.22	0.11	-0.18	-0.13
Seeck, Christian	1.16	0.82	-0.44	0.12	-0.19	-4.40
Thomsen, Sven	-0.88	-0.48	-0.34	-2.31	0.15	0.16
Trevino, Bobby	0.56	-0.23	-0.22	0.79	-0.41	-0.23
Viera, Ralph B.	-0.98	0.46	-0.32	0.28	-0.27	-0.13
MAXIMUM	2.17	-2.39	4.45	3.50	4.60	-4.40
MINIMUM	0.20	0.02	-0.02	0.00	0.03	-0.04
RANGE(MAX-MIN)	1.975	-2.414	4.477	3.497	4.570	-4.370
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 (2013 October 8-10)

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	32.32	5.02	0.38	19.80	2.75	66.00
Barrera, Tony	33.96	5.19	0.29	21.35	2.79	68.00
Booth, Jeffrey	45.00	6.60	0.20	20.84	4.29	75.00
Clapperty, Leon	32.63	6.09	0.18	16.76	1.80	71.00
DeCapite, Vanessa	30.50	5.39	0.00	22.76	3.52	80.00
Foecking, Brian	31.92	5.88	0.00	20.80	4.25	71.00
Fujita, Hirokazu	38.61	5.91	0.20	18.22	3.68	68.00
Hill, Howard P.	33.70	2.78	0.03	19.28	4.33	69.50
Hurst, Kevin R.	38.10	6.32	0.10	17.21	3.12	70.00
Kanauchi, Masaya	42.39	6.51	0.12	18.79	3.81	74.00
Kobrinetz, Joaquin J.	33.27	6.15	0.03	20.40	1.18	68.00
Langford, Mike	32.78	7.15	0.00	19.58	3.18	72.00
Li, Shenghua	43.74	3.05	0.00	21.56	3.20	73.00
Lopez, Frank	35.88	5.74	0.10	17.45	2.47	72.00
Lowsky, John	32.38	2.39	0.00	18.94	3.12	67.00
Pitta, Jimmy	38.27	6.95	0.00	18.79	3.35	68.00
Potocar, William P	32.95	6.61	0.10	21.93	3.78	71.00
Rodriguez, Jesus (Jesse)	44.38	8.29	0.10	20.80	3.38	67.00
Thomsen, Sven	32.45	5.16	0.05	11.81	4.71	70.00
Trevino, Bobby	39.98	5.52	0.10	23.33	2.41	66.00
Viera, Ralph B.	31.92	6.51	0.06	21.41	3.00	67.00
MAXIMUM	45.00	8.29	0.38	23.33	4.71	80.00
MINIMUM	30.50	2.39	0.00	11.81	1.18	66.00
RANGE(MAX-MIN)	14.500	5.900	0.380	11.520	3.530	14.000
MEAN	36.054	5.677	0.097	19.610	3.244	70.167
STANDARD DEVIATION	4.663	1.445	0.104	2.524	0.852	3.433
N SIZE	21.000					

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	-0.80	-0.45	2.73	0.08	-0.58	-1.21
Barrera, Tony	-0.45	-0.34	1.86	0.69	-0.53	-0.63
Booth, Jeffrey	1.92	0.64	0.99	0.49	1.23	1.41
Clapperty, Leon	-0.73	0.29	0.80	-1.13	-1.69	0.24
DeCapite, Vanessa	-1.19	-0.20	-0.94	1.25	0.32	2.86
Foecking, Brian	-0.89	0.14	-0.94	0.47	1.18	0.24
Fujita, Hirokazu	0.55	0.16	0.99	-0.55	0.51	-0.63
Hill, Howard P.	-0.50	-2.00	-0.65	-0.13	1.27	-0.19
Hurst, Kevin R.	0.44	0.45	0.03	-0.95	-0.15	-0.05
Kanauchi, Masaya	1.36	0.58	0.22	-0.32	0.66	1.12
Kobrinetz, Joaquin J.	-0.60	0.33	-0.65	0.31	-2.42	-0.63
Langford, Mike	-0.70	1.02	-0.94	-0.01	-0.07	0.53
Li, Shenghua	1.65	-1.82	-0.94	0.77	-0.05	0.83
Lopez, Frank	-0.04	0.04	0.03	-0.86	-0.91	0.53
Lowsky, John	-0.79	-2.27	-0.94	-0.27	-0.15	-0.92
Pitta, Jimmy	0.48	0.88	-0.94	-0.32	0.12	-0.63
Potocar, William P	-0.67	0.65	0.03	0.92	0.63	0.24
Rodriguez, Jesus (Jesse)	1.79	1.81	0.03	0.47	0.16	-0.92
Thomsen, Sven	-0.77	-0.36	-0.45	-3.09	1.72	-0.05
Trevino, Bobby	0.84	-0.11	0.03	1.47	-0.98	-1.21
Viera, Ralph B.	-0.89	0.58	-0.36	0.71	-0.29	-0.92
MAXIMUM	1.92	-2.27	2.73	-3.09	-2.42	2.86
MINIMUM	-0.04	0.04	0.03	-0.01	-0.05	-0.05
RANGE(MAX-MIN)	1.956	-2.318	2.700	-3.078	-2.370	2.913
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	21.000					

HEAVY DUTY RATING WORKSHOP (2013 October 8-10)

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
Arrizon, Richard	31.68	13.71	0.10	13.89	4.48	56.00
Barrera, Tony	29.19	9.12	0.26	13.07	3.67	59.00
Broff, Andy	14.85	19.60	0.00	39.20	19.12	65.00
Castillo, George	28.48	11.86	0.26	11.13	3.78	57.00
Clapperty, Leon	27.96	13.20	0.30	12.65	4.65	58.00
DeCapite, Vanessa	25.16	10.24	0.11	14.16	4.16	65.00
Escobar, Wilmar	41.22	53.00	25.66	29.66	4.26	68.00
Forster, Michael	36.22	13.38	0.40	13.85	5.51	60.00
Guarda, Waldyr	45.18	12.76	0.05	13.48	5.64	46.00
Hill, Howard P.	38.09	9.90	1.10	9.59	4.23	62.50
Jadulal, Vishnu	30.10	2.22	1.00	13.44	3.85	57.00
Kobrinetz, Joaquin J.	32.01	11.51	0.31	13.83	3.72	60.00
Lauderdale, Ed	31.77	4.58	0.10	5.95	3.21	60.00
Lonsway, Chris	21.54	9.32	0.30	13.01	3.22	62.00
May, Marianne	32.00	10.68	0.34	14.22	3.12	57.00
Parvaz, Ibrar	35.27	10.49	1.00	50.59	4.64	54.00
Potocar, William P	25.08	12.55	0.26	13.07	5.32	61.00
Seeck, Christian	36.63	12.87	0.07	12.53	3.60	21.00
Seiz, Ray	39.14	6.93	0.20	12.75	4.53	63.00
Thomsen, Sven	35.92	50.50	0.18	6.15	3.69	65.00
Veiga, Victor	33.63	13.98	0.20	14.60	5.81	57.00
Xu, Ting Hai	36.93	12.85	0.50	8.76	3.38	60.00
MAXIMUM	45.18	53.00	25.66	50.59	19.12	68.00
MINIMUM	14.85	2.22	0.00	5.95	3.12	21.00
RANGE(MAX-MIN)	30.330	50.780	25.660	44.640	16.000	47.000
MEAN	32.184	14.784	1.486	15.890	4.890	57.886
STANDARD DEVIATION	6.820	12.472	5.408	10.537	3.277	9.439
N SIZE	22.000					

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
Arrizon, Richard	-0.07	-0.09	-0.26	-0.19	-0.13	-0.20
Barrera, Tony	-0.44	-0.45	-0.23	-0.27	-0.37	0.12
Broff, Andy	-2.54	0.39	-0.27	2.21	4.34	0.75
Castillo, George	-0.54	-0.23	-0.23	-0.45	-0.34	-0.09
Clapperty, Leon	-0.62	-0.13	-0.22	-0.31	-0.07	0.01
DeCapite, Vanessa	-1.03	-0.36	-0.25	-0.16	-0.22	0.75
Escobar, Wilmar	1.32	3.06	4.47	1.31	-0.19	1.07
Forster, Michael	0.59	-0.11	-0.20	-0.19	0.19	0.22
Guarda, Waldyr	1.91	-0.16	-0.27	-0.23	0.23	-1.26
Hill, Howard P.	0.87	-0.39	-0.07	-0.60	-0.20	0.49
Jadulal, Vishnu	-0.31	-1.01	-0.09	-0.23	-0.32	-0.09
Kobrinetz, Joaquin J.	-0.03	-0.26	-0.22	-0.20	-0.36	0.22
Lauderdale, Ed	-0.06	-0.82	-0.26	-0.94	-0.51	0.22
Lonsway, Chris	-1.56	-0.44	-0.22	-0.27	-0.51	0.44
May, Marianne	-0.03	-0.33	-0.21	-0.16	-0.54	-0.09
Parvaz, Ibrar	0.45	-0.34	-0.09	3.29	-0.08	-0.41
Potocar, William P	-1.04	-0.18	-0.23	-0.27	0.13	0.33
Seeck, Christian	0.65	-0.15	-0.26	-0.32	-0.39	-3.91
Seiz, Ray	1.02	-0.63	-0.24	-0.30	-0.11	0.54
Thomsen, Sven	0.55	2.86	-0.24	-0.92	-0.37	0.75
Veiga, Victor	0.21	-0.06	-0.24	-0.12	0.28	-0.09
Xu, Ting Hai	0.70	-0.16	-0.18	-0.68	-0.46	0.22
MAXIMUM	-2.54	3.06	4.47	3.29	4.34	-3.91
MINIMUM	-0.03	-0.06	-0.07	-0.12	-0.07	0.01
RANGE(MAX-MIN)	-2.516	3.129	4.541	3.416	4.415	-3.920
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	22.000					

HEAVY DUTY RATING WORKSHOP (2013 October 8-10)

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
Arrizon, Richard	31.68	13.71	0.10	13.89	4.48	56.00
Barrera, Tony	29.19	9.12	0.26	13.07	3.67	59.00
Castillo, George	28.48	11.86	0.26	11.13	3.78	57.00
Clapperty, Leon	27.96	13.20	0.30	12.65	4.65	58.00
DeCapite, Vanessa	25.16	10.24	0.11	14.16	4.16	65.00
Forster, Michael	36.22	13.38	0.40	13.85	5.51	60.00
Guarda, Waldyr	45.18	12.76	0.05	13.48	5.64	46.00
Hill, Howard P.	38.09	9.90	1.10	9.59	4.23	62.50
Jadulal, Vishnu	30.10	2.22	1.00	13.44	3.85	57.00
Kobrinetz, Joaquin J.	32.01	11.51	0.31	13.83	3.72	60.00
Lauderdale, Ed	31.77	4.58	0.10	5.95	3.21	60.00
Lonsway, Chris	21.54	9.32	0.30	13.01	3.22	62.00
May, Marianne	32.00	10.68	0.34	14.22	3.12	57.00
Parvaz, Ibrar	35.27	10.49	1.00	50.59	4.64	54.00
Potocar, William P	25.08	12.55	0.26	13.07	5.32	61.00
Seeck, Christian	36.63	12.87	0.07	12.53	3.60	21.00
Seiz, Ray	39.14	6.93	0.20	12.75	4.53	63.00
Thomsen, Sven	35.92	50.50	0.18	6.15	3.69	65.00
Veiga, Victor	33.63	13.98	0.20	14.60	5.81	57.00
Xu, Ting Hai	36.93	12.85	0.50	8.76	3.38	60.00
MAXIMUM	45.18	50.50	1.10	50.59	5.81	65.00
MINIMUM	21.54	2.22	0.05	5.95	3.12	21.00
RANGE(MAX-MIN)	23.640	48.280	1.050	44.640	2.690	44.000
MEAN	32.599	12.633	0.352	14.036	4.211	57.025
STANDARD DEVIATION	5.579	9.433	0.315	8.973	0.841	9.468
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
Arrizon, Richard	-0.16	0.11	-0.80	-0.02	0.32	-0.11
Barrera, Tony	-0.61	-0.37	-0.29	-0.11	-0.64	0.21
Castillo, George	-0.74	-0.08	-0.29	-0.32	-0.51	0.00
Clapperty, Leon	-0.83	0.06	-0.16	-0.15	0.52	0.10
DeCapite, Vanessa	-1.33	-0.25	-0.77	0.01	-0.06	0.84
Forster, Michael	0.65	0.08	0.15	-0.02	1.55	0.31
Guarda, Waldyr	2.26	0.01	-0.96	-0.06	1.70	-1.16
Hill, Howard P.	0.98	-0.29	2.37	-0.50	0.02	0.58
Jadulal, Vishnu	-0.45	-1.10	2.06	-0.07	-0.43	0.00
Kobrinetz, Joaquin J.	-0.11	-0.12	-0.13	-0.02	-0.58	0.31
Lauderdale, Ed	-0.15	-0.85	-0.80	-0.90	-1.19	0.31
Lonsway, Chris	-1.98	-0.35	-0.16	-0.11	-1.18	0.53
May, Marianne	-0.11	-0.21	-0.04	0.02	-1.30	0.00
Parvaz, Ibrar	0.48	-0.23	2.06	4.07	0.51	-0.32
Potocar, William P	-1.35	-0.01	-0.29	-0.11	1.32	0.42
Seeck, Christian	0.72	0.03	-0.89	-0.17	-0.73	-3.80
Seiz, Ray	1.17	-0.60	-0.48	-0.14	0.38	0.63
Thomsen, Sven	0.60	4.01	-0.55	-0.88	-0.62	0.84
Veiga, Victor	0.18	0.14	-0.48	0.06	1.90	0.00
Xu, Ting Hai	0.78	0.02	0.47	-0.59	-0.99	0.31
MAXIMUM	2.26	4.01	2.37	4.07	1.90	-3.80
MINIMUM	-0.11	-0.01	-0.04	0.01	0.02	0.00
RANGE(MAX-MIN)	2.361	4.023	2.411	4.060	1.879	-3.802
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 (2013 October 8-10)

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	
Avis, Steven	14.27	18.31	0.97	14.33	2.40	56.00	
Booth, Jeffrey	20.37	36.80	2.55	12.76	0.95	49.00	
Broff, Andy	16.15	27.45	1.00	50.45	1.20	80.00	
Castillo, George	11.14	17.27	1.47	11.83	2.07	58.00	
Clare, Jamie	10.03	15.40	0.95	15.29	0.80	56.00	
Foecking, Brian	12.15	20.22	1.59	12.90	1.86	51.00	
Forster, Michael	14.86	19.10	1.05	17.59	2.27	50.00	
Gutzwiller, Jim	16.62	16.18	1.64	13.30	2.26	63.00	
Hurst, Kevin R.	24.13	17.70	1.56	13.51	2.14	53.00	
Jadulal, Vishnu	20.96	11.05	1.75	1.00	1.00	54.00	
Kobrinetz, Joaquin J.	15.76	17.44	1.55	13.15	1.59	52.00	
Kraemer, Vernon	52.58	9.77	1.33	16.76	1.20	41.00	
Li, Shenghua	18.21	6.64	1.20	5.20	1.55	56.00	
Lonsway, Chris	13.82	18.74	1.09	10.83	0.94	46.00	
Lowsky, John	14.78	19.77	1.16	42.88	1.53	54.00	
May, Marianne	17.49	18.96	1.10	14.09	2.04	47.00	
Rodriguez, Jesus (Jesse)	17.78	18.26	1.38	12.96	1.57	50.00	
Sanchez, Arthur	10.63	14.83	0.87	11.07	1.65	39.00	
Seeck, Christian	19.47	18.07	1.58	12.01	1.10	17.00	
Terrado, Ken	19.81	12.01	1.73	13.28	1.63	49.00	
Thomsen, Sven	14.82	29.48	1.36	5.63	2.41	58.00	
Trevino, Bobby	15.50	15.79	1.56	13.98	1.68	50.00	
Veiga, Victor	16.48	20.29	0.85	13.07	1.05	45.00	
Zalewski, John	17.21	18.91	0.72	13.12	0.69	46.00	
MAXIMUM	52.58	36.80	2.55	50.45	2.41	80.00	
MINIMUM	10.03	6.64	0.72	1.00	0.69	17.00	
RANGE(MAX-MIN)	42.550	30.160	1.830	49.450	1.720	63.000	
MEAN	17.709	18.268	1.334	15.041	1.566	50.833	
STANDARD DEVIATION	8.161	6.244	0.399	10.447	0.532	10.821	
N SIZE	24.000						

HEAVY DUTY RATING WORKSHOP (2013 October 8-10)

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
Avis, Steven	-0.42	0.01	-0.91	-0.07	1.57	0.48
Booth, Jeffrey	0.33	2.97	3.05	-0.22	-1.16	-0.17
Broff, Andy	-0.19	1.47	-0.84	3.39	-0.69	2.70
Castillo, George	-0.80	-0.16	0.34	-0.31	0.95	0.66
Clare, Jamie	-0.94	-0.46	-0.96	0.02	-1.44	0.48
Foecking, Brian	-0.68	0.31	0.64	-0.21	0.55	0.02
Forster, Michael	-0.35	0.13	-0.71	0.24	1.32	-0.08
Gutzwiller, Jim	-0.13	-0.33	0.77	-0.17	1.31	1.12
Hurst, Kevin R.	0.79	-0.09	0.57	-0.15	1.08	0.20
Jadulal, Vishnu	0.40	-1.16	1.04	-1.34	-1.06	0.29
Kobrinetz, Joaquin J.	-0.24	-0.13	0.54	-0.18	0.05	0.11
Kraemer, Vernon	4.27	-1.36	-0.01	0.16	-0.69	-0.91
Li, Shenghua	0.06	-1.86	-0.34	-0.94	-0.03	0.48
Lonsway, Chris	-0.48	0.08	-0.61	-0.40	-1.18	-0.45
Lowsky, John	-0.36	0.24	-0.44	2.66	-0.07	0.29
May, Marianne	-0.03	0.11	-0.59	-0.09	0.89	-0.35
Rodriguez, Jesus (Jesse)	0.01	0.00	0.12	-0.20	0.01	-0.08
Sanchez, Arthur	-0.87	-0.55	-1.16	-0.38	0.16	-1.09
Seeck, Christian	0.22	-0.03	0.62	-0.29	-0.88	-3.13
Terrado, Ken	0.26	-1.00	0.99	-0.17	0.12	-0.17
Thomsen, Sven	-0.35	1.80	0.07	-0.90	1.59	0.66
Trevino, Bobby	-0.27	-0.40	0.57	-0.10	0.21	-0.08
Veiga, Victor	-0.15	0.32	-1.21	-0.19	-0.97	-0.54
Zalewski, John	-0.06	0.10	-1.54	-0.18	-1.65	-0.45
MAXIMUM	4.27	2.97	3.05	3.39	-1.65	-3.13
MINIMUM	0.01	0.00	-0.01	0.02	0.01	0.02
RANGE(MAX-MIN)	4.264	2.969	3.059	3.366	-1.655	-3.142
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 (2013 October 8-10)

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	
Avis, Steven	14.27	18.31	0.97	14.33	2.40	56.00	
Booth, Jeffrey	20.37	36.80	2.55	12.76	0.95	49.00	
Broff, Andy	16.15	27.45	1.00	50.45	1.20	80.00	
Castillo, George	11.14	17.27	1.47	11.83	2.07	58.00	
Clare, Jamie	10.03	15.40	0.95	15.29	0.80	56.00	
Foecking, Brian	12.15	20.22	1.59	12.90	1.86	51.00	
Forster, Michael	14.86	19.10	1.05	17.59	2.27	50.00	
Gutzwiller, Jim	16.62	16.18	1.64	13.30	2.26	63.00	
Hurst, Kevin R.	24.13	17.70	1.56	13.51	2.14	53.00	
Jadulal, Vishnu	20.96	11.05	1.75	1.00	1.00	54.00	
Kobrinetz, Joaquin J.	15.76	17.44	1.55	13.15	1.59	52.00	
Li, Shenghua	18.21	6.64	1.20	5.20	1.55	56.00	
Lonsway, Chris	13.82	18.74	1.09	10.83	0.94	46.00	
Lowsky, John	14.78	19.77	1.16	42.88	1.53	54.00	
May, Marianne	17.49	18.96	1.10	14.09	2.04	47.00	
Rodriguez, Jesus (Jesse)	17.78	18.26	1.38	12.96	1.57	50.00	
Sanchez, Arthur	10.63	14.83	0.87	11.07	1.65	39.00	
Seeck, Christian	19.47	18.07	1.58	12.01	1.10	17.00	
Terrado, Ken	19.81	12.01	1.73	13.28	1.63	49.00	
Thomsen, Sven	14.82	29.48	1.36	5.63	2.41	58.00	
Trevino, Bobby	15.50	15.79	1.56	13.98	1.68	50.00	
Veiga, Victor	16.48	20.29	0.85	13.07	1.05	45.00	
Zalewski, John	17.21	18.91	0.72	13.12	0.69	46.00	
MAXIMUM	24.13	36.80	2.55	50.45	2.41	80.00	
MINIMUM	10.03	6.64	0.72	1.00	0.69	17.00	
RANGE(MAX-MIN)	14.100	30.160	1.830	49.450	1.720	63.000	
MEAN	16.193	18.638	1.334	14.967	1.582	51.261	
STANDARD DEVIATION	3.458	6.110	0.408	10.675	0.538	10.855	
N SIZE	23.000						

HEAVY DUTY RATING WORKSHOP (2013 October 8-10)

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
Avis, Steven	-0.56	-0.05	-0.89	-0.06	1.52	0.44
Booth, Jeffrey	1.21	2.97	2.98	-0.21	-1.17	-0.21
Broff, Andy	-0.01	1.44	-0.82	3.32	-0.71	2.65
Castillo, George	-1.46	-0.22	0.33	-0.29	0.91	0.62
Clare, Jamie	-1.78	-0.53	-0.94	0.03	-1.45	0.44
Foecking, Brian	-1.17	0.26	0.63	-0.19	0.52	-0.02
Forster, Michael	-0.39	0.08	-0.70	0.25	1.28	-0.12
Gutzwiller, Jim	0.12	-0.40	0.75	-0.16	1.26	1.08
Hurst, Kevin R.	2.30	-0.15	0.55	-0.14	1.04	0.16
Jadulal, Vishnu	1.38	-1.24	1.02	-1.31	-1.08	0.25
Kobrinetz, Joaquin J.	-0.13	-0.20	0.53	-0.17	0.02	0.07
Li, Shenghua	0.58	-1.96	-0.33	-0.91	-0.06	0.44
Lonsway, Chris	-0.69	0.02	-0.60	-0.39	-1.19	-0.48
Lowsky, John	-0.41	0.19	-0.43	2.61	-0.10	0.25
May, Marianne	0.38	0.05	-0.57	-0.08	0.85	-0.39
Rodriguez, Jesus (Jesse)	0.46	-0.06	0.11	-0.19	-0.02	-0.12
Sanchez, Arthur	-1.61	-0.62	-1.14	-0.37	0.13	-1.13
Seeck, Christian	0.95	-0.09	0.60	-0.28	-0.90	-3.16
Terrado, Ken	1.05	-1.08	0.97	-0.16	0.09	-0.21
Thomsen, Sven	-0.40	1.77	0.06	-0.87	1.54	0.62
Trevino, Bobby	-0.20	-0.47	0.55	-0.09	0.18	-0.12
Veiga, Victor	0.08	0.27	-1.19	-0.18	-0.99	-0.58
Zalewski, John	0.29	0.04	-1.51	-0.17	-1.66	-0.48
MAXIMUM	2.30	2.97	2.98	3.32	-1.66	-3.16
MINIMUM	-0.01	0.02	0.06	0.03	0.02	-0.02
RANGE(MAX-MIN)	2.308	2.956	2.918	3.294	-1.674	-3.132
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 (2013 October 8-10)

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
Barrera, Tony	0.97	1.27	1.45	1.24
Booth, Jeffrey	1.58	1.60	1.78	1.65
DeCapite, Vanessa	0.52	1.18	1.14	1.26
Foecking, Brian	0.48	0.83	0.83	0.97
Fujita, Hirokazu	1.40	1.75	1.95	1.70
Guarda, Waldyr	1.20	1.41	1.42	1.47
Hill, Howard P.	1.13	1.51	1.48	1.70
Hurst, Kevin R.	0.93	1.04	1.10	1.06
Kanauchi, Masaya	1.30	1.33	1.50	1.50
Langford, Mike	0.94	1.22	1.22	1.29
Lopez, Frank	0.68	0.95	1.06	0.99
Lowsky, John	0.83	0.98	1.37	1.18
May, Marianne	0.57	0.86	0.97	0.84
Parvaz, Ibrar	0.92	1.19	0.90	0.92
Potocar, William P	0.61	1.09	1.20	1.37
Rodriguez, Jesus (Jesse)	0.77	1.29	1.39	1.26
Sanchez, Arthur	0.71	1.00	1.21	1.08
Seiz, Ray	0.76	0.77	1.21	0.60
Viera, Ralph B.	0.71	1.03	1.33	1.20
Xu, Ting Hai	0.65	1.60	1.30	1.10
MAXIMUM	1.58	1.75	1.95	1.70
MINIMUM	0.48	0.77	0.83	0.60
RANGE(MAX-MIN)	1.100	0.980	1.120	1.100
MEAN	0.883	1.195	1.291	1.219
STANDARD DEVIATION	0.304	0.276	0.273	0.291
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
Barrera, Tony	0.29	0.27	0.58	0.07
Booth, Jeffrey	2.29	1.47	1.79	1.48
DeCapite, Vanessa	-1.19	-0.05	-0.55	0.14
Foecking, Brian	-1.33	-1.32	-1.68	-0.85
Fujita, Hirokazu	1.70	2.01	2.41	1.65
Guarda, Waldyr	1.04	0.78	0.47	0.86
Hill, Howard P.	0.81	1.14	0.69	1.65
Hurst, Kevin R.	0.15	-0.56	-0.70	-0.55
Kanauchi, Masaya	1.37	0.49	0.77	0.96
Langford, Mike	0.19	0.09	-0.26	0.24
Lopez, Frank	-0.67	-0.89	-0.84	-0.79
Lowsky, John	-0.17	-0.78	0.29	-0.13
May, Marianne	-1.03	-1.21	-1.17	-1.30
Parvaz, Ibrar	0.12	-0.02	-1.43	-1.03
Potocar, William P	-0.90	-0.38	-0.33	0.52
Rodriguez, Jesus (Jesse)	-0.37	0.34	0.36	0.14
Sanchez, Arthur	-0.57	-0.71	-0.29	-0.48
Seiz, Ray	-0.40	-1.54	-0.29	-2.12
Viera, Ralph B.	-0.57	-0.60	0.14	-0.07
Xu, Ting Hai	-0.77	1.47	0.03	-0.41
MAXIMUM	2.29	2.01	2.41	-2.12
MINIMUM	0.12	-0.02	0.03	-0.07
RANGE(MAX-MIN)	2.171	2.029	2.378	-2.059
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 (2013 October 8-10)

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
Barrera, Tony	1.21	1.26	1.61	1.77
Broff, Andy	1.15	1.45	1.70	1.85
Castillo, George	1.07	1.39	1.79	2.05
Clare, Jamie	1.35	1.55	1.75	2.35
DeCapite, Vanessa	1.07	0.96	1.22	1.77
Forster, Michael	1.50	1.27	1.16	1.19
Fujita, Hirokazu	2.07	2.89	3.07	3.57
Hill, Howard P.	0.88	1.18	1.80	2.20
Kanauchi, Masaya	1.65	1.60	2.20	2.50
Kraemer, Vernon	1.22	1.21	1.25	2.05
Langford, Mike	1.17	1.17	1.82	2.17
Lopez, Frank	1.02	1.39	1.67	1.99
May, Marianne	1.03	1.23	1.46	1.78
Sanchez, Arthur	1.08	1.13	1.40	1.31
Veiga, Victor	0.69	0.77	0.97	1.20
Viera, Ralph B.	1.62	1.82	1.93	1.56
Zalewski, John	1.30	1.28	1.83	1.45
MAXIMUM	2.07	2.89	3.07	3.57
MINIMUM	0.69	0.77	0.97	1.19
RANGE(MAX-MIN)	1.380	2.120	2.100	2.380
MEAN	1.240	1.385	1.684	1.927
STANDARD DEVIATION	0.327	0.457	0.477	0.574
N SIZE	17.000			

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
Barrera, Tony	-0.09	-0.27	-0.16	-0.27
Broff, Andy	-0.28	0.14	0.03	-0.13
Castillo, George	-0.52	0.01	0.22	0.21
Clare, Jamie	0.34	0.36	0.14	0.74
DeCapite, Vanessa	-0.52	-0.93	-0.97	-0.27
Forster, Michael	0.80	-0.25	-1.10	-1.28
Fujita, Hirokazu	2.54	3.29	2.91	2.86
Hill, Howard P.	-1.10	-0.45	0.24	0.48
Kanauchi, Masaya	1.26	0.47	1.08	1.00
Kraemer, Vernon	-0.06	-0.38	-0.91	0.21
Langford, Mike	-0.21	-0.47	0.28	0.42
Lopez, Frank	-0.67	0.01	-0.03	0.11
May, Marianne	-0.64	-0.34	-0.47	-0.26
Sanchez, Arthur	-0.49	-0.56	-0.60	-1.08
Veiga, Victor	-1.68	-1.35	-1.50	-1.27
Viera, Ralph B.	1.16	0.95	0.52	-0.64
Zalewski, John	0.18	-0.23	0.31	-0.83
MAXIMUM	2.54	3.29	2.91	2.86
MINIMUM	-0.06	0.01	-0.03	0.11
RANGE(MAX-MIN)	2.602	3.284	2.935	2.754
MEAN	0.000	0.000	0.000	0.000
STANDARD DEVIATION	1.000	1.000	1.000	1.000
N SIZE	17.000			

HEAVY DUTY RATING WORKSHOP (2013 October 8-10)

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
Avis, Steven	1.03	1.30	1.79	1.82
Booth, Jeffrey	1.55	2.06	2.60	3.50
Broff, Andy	1.08	0.99	2.25	1.45
Castillo, George	1.31	1.71	1.84	2.01
Clare, Jamie	2.00	1.90	2.10	2.55
Foecking, Brian	1.22	1.45	1.76	1.63
Forster, Michael	1.55	2.00	1.97	1.06
Guarda, Waldyr	1.05	1.31	1.91	1.60
Hurst, Kevin R.	0.91	1.21	1.40	1.44
Kraemer, Vernon	1.26	1.41	1.40	1.45
Lowsky, John	0.78	1.11	1.25	1.47
Parvaz, Ibrar	0.51	0.70	0.69	0.80
Rodriguez, Jesus (Jesse)	1.05	1.38	1.94	2.06
Seiz, Ray	1.36	1.58	1.99	2.20
Veiga, Víctor	0.71	0.90	1.04	0.88
Xu, Ting Hai	0.48	1.40	1.77	2.00
Zalewski, John	0.89	0.97	1.09	1.17
MAXIMUM	2.00	2.06	2.60	3.50
MINIMUM	0.48	0.70	0.69	0.80
RANGE(MAX-MIN)	1.520	1.360	1.910	2.700
MEAN	1.102	1.375	1.694	1.711
STANDARD DEVIATION	0.391	0.387	0.486	0.660
N SIZE	17.000			

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
Avis, Steven	-0.19	-0.19	0.20	0.16
Booth, Jeffrey	1.15	1.77	1.87	2.71
Broff, Andy	-0.06	-1.00	1.15	-0.40
Castillo, George	0.53	0.86	0.30	0.45
Clare, Jamie	2.30	1.36	0.84	1.27
Foecking, Brian	0.30	0.19	0.14	-0.12
Forster, Michael	1.15	1.61	0.57	-0.99
Guarda, Waldyr	-0.13	-0.17	0.45	-0.17
Hurst, Kevin R.	-0.49	-0.43	-0.60	-0.41
Kraemer, Vernon	0.40	0.09	-0.60	-0.40
Lowsky, John	-0.82	-0.69	-0.91	-0.37
Parvaz, Ibrar	-1.52	-1.74	-2.07	-1.38
Rodriguez, Jesus (Jesse)	-0.13	0.01	0.51	0.53
Seiz, Ray	0.66	0.53	0.61	0.74
Veiga, Víctor	-1.00	-1.23	-1.35	-1.26
Xu, Ting Hai	-1.59	0.06	0.16	0.44
Zalewski, John	-0.54	-1.05	-1.24	-0.82
MAXIMUM	2.30	1.77	-2.07	2.71
MINIMUM	-0.06	0.01	0.14	-0.12
RANGE(MAX-MIN)	2.354	1.756	-2.202	2.833
MEAN	0.000	0.000	0.000	0.000
STANDARD DEVIATION	1.000	1.000	1.000	1.000
N SIZE	17.000			

HEAVY DUTY RATING WORKSHOP (2013 October 8-10)

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	12.00	8.00	34.00	30.00	35.00	14.00
Castillo, George	10.00	12.00	30.00	28.00	36.00	18.00
Foecking, Brian	12.00	10.00	38.00	40.00	34.00	17.00
Guarda, Waldyr	13.00	10.00	42.00	39.00	44.00	22.00
Gutzwiller, Jim	17.00	14.00	53.00	40.00	52.00	20.00
Kobrinetz, Joaquin J.	9.00	9.00	42.00	39.00	46.00	20.00
May, Marianne	10.00	8.00	31.00	26.00	44.00	16.00
Seeck, Christian	14.00	21.00	57.00	61.00	66.00	32.00
Seiz, Ray	22.00	14.00	55.00	51.00	59.00	30.00
Viera, Ralph B.	12.00	15.00	36.00	28.00	39.00	18.00
MAXIMUM	22.00	21.00	57.00	61.00	66.00	32.00
MINIMUM	9.00	8.00	30.00	26.00	34.00	14.00
RANGE(MAX-MIN)	13.000	13.000	27.000	35.000	32.000	18.000
MEAN	13.100	12.100	41.800	38.200	45.500	20.700
STANDARD DEVIATION	3.872	4.040	9.976	11.134	10.669	5.889
N SIZE	10.000					

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	-0.28	-1.01	-0.78	-0.74	-0.98	-1.14
Castillo, George	-0.80	-0.02	-1.18	-0.92	-0.89	-0.46
Foecking, Brian	-0.28	-0.52	-0.38	0.16	-1.08	-0.63
Guarda, Waldyr	-0.03	-0.52	0.02	0.07	-0.14	0.22
Gutzwiller, Jim	1.01	0.47	1.12	0.16	0.61	-0.12
Kobrinetz, Joaquin J.	-1.06	-0.77	0.02	0.07	0.05	-0.12
May, Marianne	-0.80	-1.01	-1.08	-1.10	-0.14	-0.80
Seeck, Christian	0.23	2.20	1.52	2.05	1.92	1.92
Seiz, Ray	2.30	0.47	1.32	1.15	1.27	1.58
Viera, Ralph B.	-0.28	0.72	-0.58	-0.92	-0.61	-0.46
MAXIMUM	2.30	2.20	1.52	2.05	1.92	1.92
MINIMUM	-0.03	-0.02	0.02	0.07	0.05	-0.12
RANGE(MAX-MIN)	2.325	2.228	1.504	1.976	1.875	2.038
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 (2013 October 8-10)

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	28.84	45.76	0.50	90.25	21.24
Barrera, Tony	30.66	43.00	0.09	75.25	20.71
Booth, Jeffrey	86.50	71.50	0.55	85.00	87.25
Broff, Andy	88.75	81.25	0.00	100.00	70.15
Castillo, George	34.00	40.00	0.44	51.25	20.86
Castro, Rafael	44.97	57.85	1.43	61.75	23.96
Clare, Jamie	41.71	33.01	0.28	67.75	22.70
DeCapite, Vanessa	32.35	46.00	0.16	43.75	20.62
Foecking, Brian	28.75	46.25	0.05	68.50	20.41
Forster, Michael	36.08	43.07	0.23	81.25	22.93
Fujita, Hirokazu	25.70	40.75	1.85	43.00	21.86
Guarda, Waldyr	34.23	37.75	0.32	89.50	33.24
Gutzwiller, Jim	51.73	57.91	0.61	82.75	21.14
Hurst, Kevin R.	30.25	53.76	1.85	77.50	20.63
Jadulal, Vishnu	47.50	46.75	1.00	91.75	63.43
Kanauchi, Masaya	22.91	26.59	0.20	67.75	20.13
Kobrinetz, Joaquin J.	33.16	44.77	0.22	78.25	21.19
Langford, Mike	33.05	45.32	0.06	67.00	21.88
Lauderdale, Ed	30.42	29.04	0.10	79.75	21.12
Lonsway, Chris	29.91	35.53	0.24	70.75	19.79
Lopez, Frank	36.25	46.75	0.35	83.50	22.61
Lowsky, John	30.87	48.40	0.40	87.25	19.86
Nakano, Shinya	43.66	61.29	0.50	72.25	22.30
Potocar, William P	31.40	28.75	0.12	49.75	21.61
Rodriguez, Jesus (Jesse)	36.25	43.75	1.05	66.25	21.11
Sanchez, Arthur	22.48	52.27	0.22	81.25	22.55
Seiz, Ray	29.26	46.51	0.20	88.00	20.35
Veiga, Victor	37.78	52.75	0.81	80.50	20.39
Viera, Ralph B.	28.75	35.50	0.92	68.50	21.65
Xu, Ting Hai	43.75	43.75	0.60	83.50	28.75
Zalewski, John	36.07	57.53	0.47	85.00	19.79
MAXIMUM	88.75	81.25	1.85	100.00	87.25
MINIMUM	22.48	26.59	0.00	43.00	19.79
RANGE(MAX-MIN)	66.270	54.660	1.850	57.000	67.460
MEAN	37.677	46.552	0.510	74.790	26.975
STANDARD DEVIATION	14.986	11.827	0.489	14.085	16.062
N SIZE	31.000				

HEAVY DUTY RATING WORKSHOP (2013 October 8-10)

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	-0.59	-0.07	-0.02	1.10	-0.36
Barrera, Tony	-0.47	-0.30	-0.86	0.03	-0.39
Booth, Jeffrey	3.26	2.11	0.08	0.72	3.75
Broff, Andy	3.41	2.93	-1.04	1.79	2.69
Castillo, George	-0.25	-0.55	-0.14	-1.67	-0.38
Castro, Rafael	0.49	0.96	1.88	-0.93	-0.19
Clare, Jamie	0.27	-1.15	-0.47	-0.50	-0.27
DeCapite, Vanessa	-0.36	-0.05	-0.72	-2.20	-0.40
Foecking, Brian	-0.60	-0.03	-0.94	-0.45	-0.41
Forster, Michael	-0.11	-0.29	-0.57	0.46	-0.25
Fujita, Hirokazu	-0.80	-0.49	2.74	-2.26	-0.32
Guarda, Waldyr	-0.23	-0.74	-0.39	1.04	0.39
Gutzwiller, Jim	0.94	0.96	0.20	0.57	-0.36
Hurst, Kevin R.	-0.50	0.61	2.74	0.19	-0.40
Jadulal, Vishnu	0.66	0.02	1.00	1.20	2.27
Kanauchi, Masaya	-0.99	-1.69	-0.63	-0.50	-0.43
Kobrinetz, Joaquin J.	-0.30	-0.15	-0.59	0.25	-0.36
Langford, Mike	-0.31	-0.10	-0.92	-0.55	-0.32
Lauderdale, Ed	-0.48	-1.48	-0.84	0.35	-0.36
Lonsway, Chris	-0.52	-0.93	-0.55	-0.29	-0.45
Lopez, Frank	-0.10	0.02	-0.33	0.62	-0.27
Lowsky, John	-0.45	0.16	-0.23	0.88	-0.44
Nakano, Shinya	0.40	1.25	-0.02	-0.18	-0.29
Potocar, William P	-0.42	-1.51	-0.80	-1.78	-0.33
Rodriguez, Jesus (Jesse)	-0.10	-0.24	1.10	-0.61	-0.37
Sanchez, Arthur	-1.01	0.48	-0.59	0.46	-0.28
Seiz, Ray	-0.56	0.00	-0.63	0.94	-0.41
Veiga, Victor	0.01	0.52	0.61	0.41	-0.41
Viera, Ralph B.	-0.60	-0.93	0.84	-0.45	-0.33
Xu, Ting Hai	0.41	-0.24	0.18	0.62	0.11
Zalewski, John	-0.11	0.93	-0.08	0.72	-0.45
MAXIMUM	3.41	2.93	2.74	-2.26	3.75
MINIMUM	0.01	0.00	-0.02	0.03	0.11
RANGE(MAX-MIN)	3.401	2.937	2.759	-2.290	3.642
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 (2013 October 8-10)

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	32.50	25.00	12.67	23.42	23.09	3.90	3.70	
Barrera, Tony	38.50	27.65	11.26	27.06	19.35	3.98	3.91	
Booth, Jeffrey	66.25	34.00	31.65	74.74	79.05	4.95	4.65	
Broff, Andy	70.00	77.50	9.15	95.05	83.20	3.80	3.50	
Castillo, George	55.00	25.00	10.80	22.81	22.90	3.96	4.21	
Clare, Jamie	60.90	22.15	12.50	37.98	23.58	5.25	4.80	
DeCapite, Vanessa	39.50	23.84	12.18	24.41	21.59	4.39	4.41	
Foecking, Brian	38.00	25.36	11.96	24.87	22.90	4.30	3.84	
Forster, Michael	65.77	30.01	11.92	22.50	20.96	5.25	4.00	
Fujita, Hirokazu	47.28	24.36	12.73	26.87	23.92	5.10	5.00	
Guarda, Waldyr	58.75	34.00	12.86	45.93	22.00	4.39	4.42	
Hurst, Kevin R.	52.51	24.31	13.88	19.84	22.05	4.58	5.03	
Kanauchi, Masaya	24.52	24.08	11.80	21.79	21.49	5.45	5.50	
Kobrinetz, Joaquin J.	57.01	30.31	12.30	28.19	22.46	5.10	4.81	
Lopez, Frank	46.27	27.96	10.78	33.49	22.44	4.15	4.06	
Lowsky, John	65.50	24.28	12.43	22.44	22.86	4.15	4.06	
May, Marianne	57.25	24.62	12.12	21.45	22.55	4.23	4.65	
Nakano, Shinya	66.25	25.00	12.67	24.46	75.75	4.00	4.68	
Pitta, Jimmy	24.76	24.54	11.82	26.46	21.83	4.55	4.38	
Potocar, William P	45.25	24.77	11.83	23.01	23.66	5.12	4.45	
Rodriguez, Jesus (Jesse)	58.75	24.31	12.29	22.96	23.67	4.30	4.45	
Sanchez, Arthur	62.50	24.51	9.91	38.68	22.72	4.13	3.99	
Seeck, Christian	13.72	25.00	11.56	22.18	22.79	4.46	4.65	
Seiz, Ray	82.78	28.04	11.52	43.80	20.02	4.94	4.61	
Veiga, Victor	67.75	31.02	12.12	34.33	22.00	3.33	3.63	
Viera, Ralph B.	45.25	27.34	10.53	25.34	23.11	3.98	3.78	
Xu, Ting Hai	66.25	36.25	14.50	32.50	55.00	5.30	4.85	
Zalewski, John	68.00	35.26	11.11	21.79	20.95	3.94	4.20	
MAXIMUM	82.78	77.50	31.65	95.05	83.20	5.45	5.50	
MINIMUM	13.72	22.15	9.15	19.84	19.35	3.33	3.50	
RANGE(MAX-MIN)	69.060	55.350	22.500	75.210	63.850	2.120	2.000	
MEAN	52.742	28.945	12.602	31.727	29.568	4.464	4.365	
STANDARD DEVIATION	16.224	10.269	3.888	16.770	18.665	0.555	0.481	
N SIZE	28.000							

HEAVY DUTY RATING WORKSHOP (2013 October 8-10)

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	-1.25	-0.38	0.02	-0.50	-0.35	-1.02	-1.38	
Barrera, Tony	-0.88	-0.13	-0.35	-0.28	-0.55	-0.87	-0.95	
Booth, Jeffrey	0.83	0.49	4.90	2.56	2.65	0.88	0.59	
Broff, Andy	1.06	4.73	-0.89	3.78	2.87	-1.20	-1.80	
Castillo, George	0.14	-0.38	-0.46	-0.53	-0.36	-0.91	-0.32	
Clare, Jamie	0.50	-0.66	-0.03	0.37	-0.32	1.42	0.90	
DeCapite, Vanessa	-0.82	-0.50	-0.11	-0.44	-0.43	-0.13	0.09	
Foecking, Brian	-0.91	-0.35	-0.17	-0.41	-0.36	-0.29	-1.09	
Forster, Michael	0.80	0.10	-0.18	-0.55	-0.46	1.42	-0.76	
Fujita, Hirokazu	-0.34	-0.45	0.03	-0.29	-0.30	1.15	1.32	
Guarda, Waldyr	0.37	0.49	0.07	0.85	-0.41	-0.13	0.11	
Hurst, Kevin R.	-0.01	-0.45	0.33	-0.71	-0.40	0.21	1.38	
Kanauchi, Masaya	-1.74	-0.47	-0.21	-0.59	-0.43	1.78	2.36	
Kobrinetz, Joaquin J.	0.26	0.13	-0.08	-0.21	-0.38	1.15	0.93	
Lopez, Frank	-0.40	-0.10	-0.47	0.11	-0.38	-0.57	-0.63	
Lowsky, John	0.79	-0.45	-0.04	-0.55	-0.36	-0.57	-0.63	
May, Marianne	0.28	-0.42	-0.12	-0.61	-0.38	-0.42	0.59	
Nakano, Shinya	0.83	-0.38	0.02	-0.43	2.47	-0.84	0.66	
Pitta, Jimmy	-1.72	-0.43	-0.20	-0.31	-0.41	0.16	0.03	
Potocar, William P	-0.46	-0.41	-0.20	-0.52	-0.32	1.18	0.18	
Rodriguez, Jesus (Jesse)	0.37	-0.45	-0.08	-0.52	-0.32	-0.29	0.18	
Sanchez, Arthur	0.60	-0.43	-0.69	0.41	-0.37	-0.60	-0.78	
Seeck, Christian	-2.41	-0.38	-0.27	-0.57	-0.36	-0.01	0.59	
Seiz, Ray	1.85	-0.09	-0.28	0.72	-0.51	0.86	0.51	
Veiga, Victor	0.93	0.20	-0.12	0.16	-0.41	-2.04	-1.53	
Viera, Ralph B.	-0.46	-0.16	-0.53	-0.38	-0.35	-0.87	-1.22	
Xu, Ting Hai	0.83	0.71	0.49	0.05	1.36	1.51	1.01	
Zalewski, John	0.94	0.61	-0.38	-0.59	-0.46	-0.94	-0.34	
MAXIMUM	-2.41	4.73	4.90	3.78	2.87	-2.04	2.36	
MINIMUM	-0.01	-0.09	0.02	0.05	-0.30	-0.01	0.03	
RANGE(MAX-MIN)	-2.391	4.816	4.882	3.730	3.176	-2.036	2.329	
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	28.000							

HEAVY DUTY RATING WORKSHOP (2013 October 8-10)

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	32.50	25.00	12.67	23.42	23.09	3.90	3.70	
Barrera, Tony	38.50	27.65	11.26	27.06	19.35	3.98	3.91	
Castillo, George	55.00	25.00	10.80	22.81	22.90	3.96	4.21	
Clare, Jamie	60.90	22.15	12.50	37.98	23.58	5.25	4.80	
DeCapite, Vanessa	39.50	23.84	12.18	24.41	21.59	4.39	4.41	
Foecking, Brian	38.00	25.36	11.96	24.87	22.90	4.30	3.84	
Forster, Michael	65.77	30.01	11.92	22.50	20.96	5.25	4.00	
Fujita, Hirokazu	47.28	24.36	12.73	26.87	23.92	5.10	5.00	
Guarda, Waldyr	58.75	34.00	12.86	45.93	22.00	4.39	4.42	
Hurst, Kevin R.	52.51	24.31	13.88	19.84	22.05	4.58	5.03	
Kanauchi, Masaya	24.52	24.08	11.80	21.79	21.49	5.45	5.50	
Kobrinetz, Joaquin J.	57.01	30.31	12.30	28.19	22.46	5.10	4.81	
Lopez, Frank	46.27	27.96	10.78	33.49	22.44	4.15	4.06	
Lowsky, John	65.50	24.28	12.43	22.44	22.86	4.15	4.06	
May, Marianne	57.25	24.62	12.12	21.45	22.55	4.23	4.65	
Nakano, Shinya	66.25	25.00	12.67	24.46	75.75	4.00	4.68	
Pitta, Jimmy	24.76	24.54	11.82	26.46	21.83	4.55	4.38	
Potocar, William P	45.25	24.77	11.83	23.01	23.66	5.12	4.45	
Rodriguez, Jesus (Jesse)	58.75	24.31	12.29	22.96	23.67	4.30	4.45	
Sanchez, Arthur	62.50	24.51	9.91	38.68	22.72	4.13	3.99	
Seeck, Christian	13.72	25.00	11.56	22.18	22.79	4.46	4.65	
Seiz, Ray	82.78	28.04	11.52	43.80	20.02	4.94	4.61	
Veiga, Victor	67.75	31.02	12.12	34.33	22.00	3.33	3.63	
Viera, Ralph B.	45.25	27.34	10.53	25.34	23.11	3.98	3.78	
Xu, Ting Hai	66.25	36.25	14.50	32.50	55.00	5.30	4.85	
Zalewski, John	68.00	35.26	11.11	21.79	20.95	3.94	4.20	
MAXIMUM	82.78	36.25	14.50	45.93	75.75	5.45	5.50	
MINIMUM	13.72	22.15	9.91	19.84	19.35	3.33	3.63	
RANGE(MAX-MIN)	69.060	14.100	4.590	26.090	56.400	2.120	1.870	
MEAN	51.558	26.883	12.002	27.637	25.602	4.470	4.387	
STANDARD DEVIATION	16.236	3.761	0.979	7.207	12.121	0.553	0.465	
N SIZE	26.000							

HEAVY DUTY RATING WORKSHOP (2013 October 8-10)

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	-1.17	-0.50	0.68	-0.59	-0.21	-1.03	-1.48
Barrera, Tony	-0.80	0.20	-0.76	-0.08	-0.52	-0.89	-1.03
Castillo, George	0.21	-0.50	-1.23	-0.67	-0.22	-0.92	-0.38
Clare, Jamie	0.58	-1.26	0.51	1.44	-0.17	1.41	0.89
DeCapite, Vanessa	-0.74	-0.81	0.18	-0.45	-0.33	-0.15	0.05
Foecking, Brian	-0.84	-0.41	-0.04	-0.38	-0.22	-0.31	-1.18
Forster, Michael	0.88	0.83	-0.08	-0.71	-0.38	1.41	-0.83
Fujita, Hirokazu	-0.26	-0.67	0.74	-0.11	-0.14	1.14	1.32
Guarda, Waldyr	0.44	1.89	0.88	2.54	-0.30	-0.15	0.07
Hurst, Kevin R.	0.06	-0.68	1.92	-1.08	-0.29	0.20	1.38
Kanauchi, Masaya	-1.67	-0.75	-0.21	-0.81	-0.34	1.77	2.39
Kobrinetz, Joaquin J.	0.34	0.91	0.30	0.08	-0.26	1.14	0.91
Lopez, Frank	-0.33	0.29	-1.25	0.81	-0.26	-0.58	-0.70
Lowsky, John	0.86	-0.69	0.44	-0.72	-0.23	-0.58	-0.70
May, Marianne	0.35	-0.60	0.12	-0.86	-0.25	-0.43	0.57
Nakano, Shinya	0.90	-0.50	0.68	-0.44	4.14	-0.85	0.63
Pitta, Jimmy	-1.65	-0.62	-0.19	-0.16	-0.31	0.14	-0.02
Potocar, William P	-0.39	-0.56	-0.18	-0.64	-0.16	1.18	0.13
Rodriguez, Jesus (Jesse)	0.44	-0.68	0.29	-0.65	-0.16	-0.31	0.13
Sanchez, Arthur	0.67	-0.63	-2.14	1.53	-0.24	-0.62	-0.85
Seeck, Christian	-2.33	-0.50	-0.45	-0.76	-0.23	-0.02	0.57
Seiz, Ray	1.92	0.31	-0.49	2.24	-0.46	0.85	0.48
Veiga, Victor	1.00	1.10	0.12	0.93	-0.30	-2.06	-1.63
Viera, Ralph B.	-0.39	0.12	-1.50	-0.32	-0.21	-0.89	-1.31
Xu, Ting Hai	0.90	2.49	2.55	0.67	2.43	1.50	1.00
Zalewski, John	1.01	2.23	-0.91	-0.81	-0.38	-0.96	-0.40
MAXIMUM	-2.33	2.49	2.55	2.54	4.14	-2.06	2.39
MINIMUM	0.06	0.12	-0.04	0.08	-0.14	-0.02	-0.02
RANGE(MAX-MIN)	-2.389	2.369	2.595	2.462	4.276	-2.045	2.409
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	26.000						

HEAVY DUTY RATING WORKSHOP (2013 October 8-10)

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	9.20	
Avis, Steven	9.12	
Barrera, Tony	9.25	
Broff, Andy	9.08	
Castillo, George	9.17	
DeCapite, Vanessa	9.07	
Foecking, Brian	8.83	
Guarda, Waldyr	9.15	
Gutzwiller, Jim	9.28	
Hurst, Kevin R.	9.05	
Kobrinetz, Joaquin J.	8.89	
Kraemer, Vernon	8.16	
Langford, Mike	9.06	
Lonsway, Chris	9.08	
Lopez, Frank	9.26	
Lowsky, John	9.11	
May, Marianne	9.11	
Potocar, William P	8.97	
Rodriguez, Jesus (Jesse)	9.11	
Sanchez, Arthur	9.16	
Seiz, Ray	9.03	
Terrado, Ken	9.08	
Trevino, Bobby	9.15	
Veiga, Victor	9.15	
Viera, Ralph B.	9.19	
Zalewski, John	9.11	
MAXIMUM	9.28	
MINIMUM	8.16	
RANGE(MAX-MIN)	1.120	
MEAN	9.070	
STANDARD DEVIATION	0.212	
N SIZE	26.000	

HEAVY DUTY RATING WORKSHOP (2013 October 8-10)

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	0.61	
Avis, Steven	0.24	
Barrera, Tony	0.85	
Broff, Andy	0.05	
Castillo, George	0.47	
DeCapite, Vanessa	0.00	
Foecking, Brian	-1.13	
Guarda, Waldyr	0.38	
Gutzwiller, Jim	0.99	
Hurst, Kevin R.	-0.09	
Kobrinetz, Joaquin J.	-0.85	
Kraemer, Vernon	-4.30	
Langford, Mike	-0.05	
Lonsway, Chris	0.05	
Lopez, Frank	0.90	
Lowsky, John	0.19	
May, Marianne	0.19	
Potocar, William P	-0.47	
Rodriguez, Jesus (Jesse)	0.19	
Sanchez, Arthur	0.43	
Seiz, Ray	-0.19	
Terrado, Ken	0.05	
Trevino, Bobby	0.38	
Veiga, Victor	0.38	
Viera, Ralph B.	0.57	
Zalewski, John	0.19	
MAXIMUM	-4.30	
MINIMUM	0.00	
RANGE(MAX-MIN)	-4.298	
MEAN	0.000	
STANDARD DEVIATION	1.000	
N SIZE	26.000	

HEAVY DUTY RATING WORKSHOP (2013 October 8-10)

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	9.29	
Avis, Steven	8.51	
Barrera, Tony	8.66	
Broff, Andy	7.44	
Castillo, George	8.53	
DeCapite, Vanessa	8.41	
Foecking, Brian	8.48	
Guarda, Waldyr	8.43	
Gutzwiller, Jim	9.33	
Hurst, Kevin R.	8.38	
Kobrinetz, Joaquin J.	8.68	
Kraemer, Vernon	8.62	
Langford, Mike	9.19	
Lonsway, Chris	8.55	
Lopez, Frank	8.89	
Lowsky, John	8.55	
May, Marianne	8.55	
Potocar, William P	8.43	
Rodriguez, Jesus (Jesse)	8.66	
Sanchez, Arthur	8.46	
Seiz, Ray	8.55	
Terrado, Ken	9.02	
Trevino, Bobby	8.48	
Veiga, Victor	8.35	
Viera, Ralph B.	9.00	
Zalewski, John	8.96	
MAXIMUM	9.33	
MINIMUM	7.44	
RANGE(MAX-MIN)	1.890	
MEAN	8.631	
STANDARD DEVIATION	0.375	
N SIZE	26.000	

HEAVY DUTY RATING WORKSHOP (2013 October 8-10)

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	1.76	
Avis, Steven	-0.32	
Barrera, Tony	0.08	
Broff, Andy	-3.17	
Castillo, George	-0.27	
DeCapite, Vanessa	-0.59	
Foecking, Brian	-0.40	
Guarda, Waldyr	-0.54	
Gutzwiller, Jim	1.86	
Hurst, Kevin R.	-0.67	
Kobrinetz, Joaquin J.	0.13	
Kraemer, Vernon	-0.03	
Langford, Mike	1.49	
Lonsway, Chris	-0.22	
Lopez, Frank	0.69	
Lowsky, John	-0.22	
May, Marianne	-0.22	
Potocar, William P	-0.54	
Rodriguez, Jesus (Jesse)	0.08	
Sanchez, Arthur	-0.46	
Seiz, Ray	-0.22	
Terrado, Ken	1.04	
Trevino, Bobby	-0.40	
Veiga, Victor	-0.75	
Viera, Ralph B.	0.98	
Zalewski, John	0.88	
MAXIMUM	-3.17	
MINIMUM	-0.03	
RANGE(MAX-MIN)	-3.145	
MEAN	0.000	
STANDARD DEVIATION	1.000	
N SIZE	26.000	

HEAVY DUTY RATING WORKSHOP (2013 October 8-10)

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	9.47	
Avis, Steven	9.65	
Barrera, Tony	9.70	
Broff, Andy	10.00	
Castillo, George	9.69	
DeCapite, Vanessa	9.77	
Foecking, Brian	9.60	
Guarda, Waldyr	9.48	
Gutzwiller, Jim	9.62	
Hurst, Kevin R.	9.72	
Kraemer, Vernon	9.69	
Langford, Mike	9.64	
Lonsway, Chris	9.81	
Lopez, Frank	9.75	
Lowsky, John	9.46	
May, Marianne	9.67	
Potocar, William P	9.74	
Rodriguez, Jesus (Jesse)	9.80	
Sanchez, Arthur	9.70	
Seiz, Ray	8.96	
Terrado, Ken	9.70	
Trevino, Bobby	9.70	
Veiga, Victor	9.77	
Viera, Ralph B.	9.62	
Zalewski, John	9.70	
MAXIMUM	10.00	
MINIMUM	8.96	
RANGE(MAX-MIN)	1.040	
MEAN	9.656	
STANDARD DEVIATION	0.184	
N SIZE	25.000	

HEAVY DUTY RATING WORKSHOP (2013 October 8-10)

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	-1.01	
Avis, Steven	-0.03	
Barrera, Tony	0.24	
Broff, Andy	1.86	
Castillo, George	0.18	
DeCapite, Vanessa	0.62	
Foecking, Brian	-0.31	
Guarda, Waldyr	-0.96	
Gutzwiller, Jim	-0.20	
Hurst, Kevin R.	0.35	
Kraemer, Vernon	0.18	
Langford, Mike	-0.09	
Lonsway, Chris	0.83	
Lopez, Frank	0.51	
Lowsky, John	-1.07	
May, Marianne	0.07	
Potocar, William P	0.45	
Rodriguez, Jesus (Jesse)	0.78	
Sanchez, Arthur	0.24	
Seiz, Ray	-3.78	
Terrado, Ken	0.24	
Trevino, Bobby	0.24	
Veiga, Victor	0.62	
Viera, Ralph B.	-0.20	
Zalewski, John	0.24	
MAXIMUM	-3.78	
MINIMUM	-0.03	
RANGE(MAX-MIN)	-3.744	
MEAN	0.000	
STANDARD DEVIATION	1.000	
N SIZE	25.000	

HEAVY DUTY RATING WORKSHOP (2013 October 8-10)

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	9.47	
Avis, Steven	9.65	
Barrera, Tony	9.70	
Broff, Andy	10.00	
Castillo, George	9.69	
DeCapite, Vanessa	9.77	
Foecking, Brian	9.60	
Guarda, Waldyr	9.48	
Gutzwiller, Jim	9.62	
Hurst, Kevin R.	9.72	
Kraemer, Vernon	9.69	
Langford, Mike	9.64	
Lonsway, Chris	9.81	
Lopez, Frank	9.75	
Lowsky, John	9.46	
May, Marianne	9.67	
Potocar, William P	9.74	
Rodriguez, Jesus (Jesse)	9.80	
Sanchez, Arthur	9.70	
Terrado, Ken	9.70	
Trevino, Bobby	9.70	
Veiga, Victor	9.77	
Viera, Ralph B.	9.62	
Zalewski, John	9.70	
MAXIMUM	10.00	
MINIMUM	9.46	
RANGE(MAX-MIN)	0.540	
MEAN	9.685	
STANDARD DEVIATION	0.116	
N SIZE	24.000	

HEAVY DUTY RATING WORKSHOP (2013 October 8-10)

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	-1.85	
Avis, Steven	-0.31	
Barrera, Tony	0.13	
Broff, Andy	2.71	
Castillo, George	0.04	
DeCapite, Vanessa	0.73	
Foecking, Brian	-0.74	
Guarda, Waldyr	-1.77	
Gutzwiller, Jim	-0.56	
Hurst, Kevin R.	0.30	
Kraemer, Vernon	0.04	
Langford, Mike	-0.39	
Lonsway, Chris	1.07	
Lopez, Frank	0.56	
Lowsky, John	-1.94	
May, Marianne	-0.13	
Potocar, William P	0.47	
Rodriguez, Jesus (Jesse)	0.99	
Sanchez, Arthur	0.13	
Terrado, Ken	0.13	
Trevino, Bobby	0.13	
Veiga, Victor	0.73	
Viera, Ralph B.	-0.56	
Zalewski, John	0.13	
MAXIMUM	2.71	
MINIMUM	0.04	
RANGE(MAX-MIN)	2.669	
MEAN	0.000	
STANDARD DEVIATION	1.000	
N SIZE	24.000	

HEAVY DUTY RATING WORKSHOP (2013 October 8-10)

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	9.40	
Avis, Steven	9.70	
Barrera, Tony	9.70	
Broff, Andy	9.00	
Castillo, George	9.61	
DeCapite, Vanessa	9.79	
Foecking, Brian	9.68	
Guarda, Waldyr	9.52	
Gutzwiller, Jim	9.50	
Hurst, Kevin R.	9.73	
Kraemer, Vernon	9.68	
Langford, Mike	9.70	
Lonsway, Chris	9.79	
Lopez, Frank	9.75	
Lowsky, John	9.50	
May, Marianne	9.65	
Potocar, William P	9.77	
Rodriguez, Jesus (Jesse)	9.80	
Sanchez, Arthur	9.70	
Seiz, Ray	9.39	
Terrado, Ken	9.62	
Trevino, Bobby	9.70	
Veiga, Victor	9.73	
Viera, Ralph B.	9.67	
Zalewski, John	9.80	
MAXIMUM	9.80	
MINIMUM	9.00	
RANGE(MAX-MIN)	0.800	
MEAN	9.635	
STANDARD DEVIATION	0.176	
N SIZE	25.000	

HEAVY DUTY RATING WORKSHOP (2013 October 8-10)

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	-1.33	
Avis, Steven	0.37	
Barrera, Tony	0.37	
Broff, Andy	-3.60	
Castillo, George	-0.14	
DeCapite, Vanessa	0.88	
Foecking, Brian	0.25	
Guarda, Waldyr	-0.65	
Gutzwiller, Jim	-0.77	
Hurst, Kevin R.	0.54	
Kraemer, Vernon	0.25	
Langford, Mike	0.37	
Lonsway, Chris	0.88	
Lopez, Frank	0.65	
Lowsky, John	-0.77	
May, Marianne	0.08	
Potocar, William P	0.76	
Rodriguez, Jesus (Jesse)	0.93	
Sanchez, Arthur	0.37	
Seiz, Ray	-1.39	
Terrado, Ken	-0.09	
Trevino, Bobby	0.37	
Veiga, Victor	0.54	
Viera, Ralph B.	0.20	
Zalewski, John	0.93	
MAXIMUM	-3.60	
MINIMUM	0.08	
RANGE(MAX-MIN)	-3.683	
MEAN	0.000	
STANDARD DEVIATION	1.000	
N SIZE	25.000	

HEAVY DUTY RATING WORKSHOP (2013 October 8-10)

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	9.40	
Avis, Steven	9.70	
Barrera, Tony	9.70	
Castillo, George	9.61	
DeCapite, Vanessa	9.79	
Foecking, Brian	9.68	
Guarda, Waldyr	9.52	
Gutzwiller, Jim	9.50	
Hurst, Kevin R.	9.73	
Kraemer, Vernon	9.68	
Langford, Mike	9.70	
Lonsway, Chris	9.79	
Lopez, Frank	9.75	
Lowsky, John	9.50	
May, Marianne	9.65	
Potocar, William P	9.77	
Rodriguez, Jesus (Jesse)	9.80	
Sanchez, Arthur	9.70	
Seiz, Ray	9.39	
Terrado, Ken	9.62	
Trevino, Bobby	9.70	
Veiga, Victor	9.73	
Viera, Ralph B.	9.67	
Zalewski, John	9.80	
MAXIMUM	9.80	
MINIMUM	9.39	
RANGE(MAX-MIN)	0.410	
MEAN	9.662	
STANDARD DEVIATION	0.119	
N SIZE	24.000	

HEAVY DUTY RATING WORKSHOP (2013 October 8-10)

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	-2.19	
Avis, Steven	0.32	
Barrera, Tony	0.32	
Castillo, George	-0.43	
DeCapite, Vanessa	1.08	
Foecking, Brian	0.15	
Guarda, Waldyr	-1.19	
Gutzwiller, Jim	-1.36	
Hurst, Kevin R.	0.57	
Kraemer, Vernon	0.15	
Langford, Mike	0.32	
Lonsway, Chris	1.08	
Lopez, Frank	0.74	
Lowsky, John	-1.36	
May, Marianne	-0.10	
Potocar, William P	0.91	
Rodriguez, Jesus (Jesse)	1.16	
Sanchez, Arthur	0.32	
Seiz, Ray	-2.28	
Terrado, Ken	-0.35	
Trevino, Bobby	0.32	
Veiga, Victor	0.57	
Viera, Ralph B.	0.07	
Zalewski, John	1.16	
MAXIMUM	-2.28	
MINIMUM	0.07	
RANGE(MAX-MIN)	-2.347	
MEAN	0.000	
STANDARD DEVIATION	1.000	
N SIZE	24.000	

HEAVY DUTY RATING WORKSHOP (2013 October 8-10)

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
Aguirre, Nancy P	56.29	12.05	0.28	0.34	15.99	0.90	1.18	60.00
Barrera, Tony	60.59	12.52	0.15	0.08	19.25	1.08	0.53	62.00
Castro, Rafael	66.75	12.90	0.50	0.50	18.46	1.04	1.42	71.00
DeCapite, Vanessa	49.71	13.79	0.25	0.19	20.18	0.87	1.00	65.00
Escobar, Wilmar	65.86	11.19	1.00	1.00	41.23	1.75	1.25	53.00
Foecking, Brian	58.38	10.79	0.01	0.13	20.71	0.38	0.58	62.00
Fujita, Hirokazu	57.75	13.83	0.20	0.20	16.26	1.27	2.64	61.00
Hill, Howard P.	58.78	10.01	0.22	0.31	16.18	0.56	0.56	65.00
Kanauchi, Masaya	45.06	17.93	0.46	0.20	15.99	0.99	1.00	67.90
Langford, Mike	71.50	13.29	0.50	0.20	17.02	1.50	1.25	69.00
Lopez, Frank	63.55	11.28	0.39	0.40	21.10	0.95	0.84	57.00
Nakano, Shinya	49.90	16.46	0.30	0.51	14.46	0.78	1.17	65.00
Potocar, William P	42.58	13.91	0.29	0.20	17.14	1.28	1.18	59.00
Seeck, Christian	70.59	11.05	0.03	0.01	14.42	0.88	0.79	64.00
Seiz, Ray	68.89	10.36	0.10	0.10	26.96	1.03	1.09	62.00
Thomsen, Sven	60.10	13.82	0.02	0.05	8.65	1.13	1.03	71.00
Trevino, Bobby	53.58	11.28	0.23	0.24	24.93	0.42	0.83	52.00
Viera, Ralph B.	50.55	12.45	1.39	0.39	16.66	1.31	0.96	61.00
MAXIMUM	71.50	17.93	1.39	1.00	41.23	1.75	2.64	71.00
MINIMUM	42.58	10.01	0.01	0.01	8.65	0.38	0.53	52.00
RANGE(MAX-MIN)	28.920	7.920	1.380	0.990	32.580	1.370	2.110	19.000
MEAN	58.356	12.717	0.351	0.281	19.199	1.007	1.072	62.606
STANDARD DEVIATION	8.594	2.072	0.349	0.231	6.844	0.351	0.466	5.375
N SIZE	18.000							

Part ID= A1 - SQUARE CUT

A1 YI Values

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

Rater	G1TOT	G2TOT	G3TOT	G4TOT	L2TOT	L3TOT	L4TOT	TGF
Aguirre, Nancy P	-0.24	-0.32	-0.20	0.26	-0.47	-0.30	0.23	-0.48
Barrera, Tony	0.26	-0.10	-0.58	-0.87	0.01	0.21	-1.16	-0.11
Castro, Rafael	0.98	0.09	0.43	0.95	-0.11	0.10	0.75	1.56
DeCapite, Vanessa	-1.01	0.52	-0.29	-0.39	0.14	-0.39	-0.16	0.45
Escobar, Wilmar	0.87	-0.74	1.86	3.12	3.22	2.12	0.38	-1.79
Foecking, Brian	0.00	-0.93	-0.98	-0.65	0.22	-1.79	-1.06	-0.11
Fujita, Hirokazu	-0.07	0.54	-0.43	-0.35	-0.43	0.75	3.36	-0.30
Hill, Howard P.	0.05	-1.31	-0.38	0.13	-0.44	-1.27	-1.10	0.45
Kanauchi, Masaya	-1.55	2.52	0.31	-0.35	-0.47	-0.05	-0.16	0.98
Langford, Mike	1.53	0.28	0.43	-0.35	-0.32	1.41	0.38	1.19
Lopez, Frank	0.60	-0.69	0.11	0.52	0.28	-0.16	-0.50	-1.04
Nakano, Shinya	-0.98	1.81	-0.15	0.99	-0.69	-0.65	0.21	0.45
Potocar, William P	-1.84	0.58	-0.18	-0.35	-0.30	0.78	0.23	-0.67
Seeck, Christian	1.42	-0.80	-0.92	-1.17	-0.70	-0.36	-0.61	0.26
Seiz, Ray	1.23	-1.14	-0.72	-0.78	1.13	0.07	0.04	-0.11
Thomsen, Sven	0.20	0.53	-0.95	-1.00	-1.54	0.35	-0.09	1.56
Trevino, Bobby	-0.56	-0.69	-0.35	-0.18	0.84	-1.67	-0.52	-1.97
Viera, Ralph B.	-0.91	-0.13	2.98	0.47	-0.37	0.86	-0.24	-0.30
MAXIMUM	-1.84	2.52	2.98	3.12	3.22	2.12	3.36	-1.97
MINIMUM	0.00	0.09	0.11	0.13	0.01	-0.05	0.04	-0.11
RANGE(MAX-MIN)	-1.838	2.428	2.868	2.988	3.212	2.167	3.327	-1.860
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 (2013 October 8-10)

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
Aguirre, Nancy P	56.29	12.05	0.28	0.34	15.99	0.90	1.18	60.00
Barrera, Tony	60.59	12.52	0.15	0.08	19.25	1.08	0.53	62.00
Castro, Rafael	66.75	12.90	0.50	0.50	18.46	1.04	1.42	71.00
DeCapite, Vanessa	49.71	13.79	0.25	0.19	20.18	0.87	1.00	65.00
Foecking, Brian	58.38	10.79	0.01	0.13	20.71	0.38	0.58	62.00
Hill, Howard P.	58.78	10.01	0.22	0.31	16.18	0.56	0.56	65.00
Kanauchi, Masaya	45.06	17.93	0.46	0.20	15.99	0.99	1.00	67.90
Langford, Mike	71.50	13.29	0.50	0.20	17.02	1.50	1.25	69.00
Lopez, Frank	63.55	11.28	0.39	0.40	21.10	0.95	0.84	57.00
Nakano, Shinya	49.90	16.46	0.30	0.51	14.46	0.78	1.17	65.00
Potocar, William P	42.58	13.91	0.29	0.20	17.14	1.28	1.18	59.00
Seeck, Christian	70.59	11.05	0.03	0.01	14.42	0.88	0.79	64.00
Seiz, Ray	68.89	10.36	0.10	0.10	26.96	1.03	1.09	62.00
Thomsen, Sven	60.10	13.82	0.02	0.05	8.65	1.13	1.03	71.00
Trevino, Bobby	53.58	11.28	0.23	0.24	24.93	0.42	0.83	52.00
Viera, Ralph B.	50.55	12.45	1.39	0.39	16.66	1.31	0.96	61.00
MAXIMUM	71.50	17.93	1.39	0.51	26.96	1.50	1.42	71.00
MINIMUM	42.58	10.01	0.01	0.01	8.65	0.38	0.53	52.00
RANGE(MAX-MIN)	28.920	7.920	1.380	0.500	18.310	1.120	0.890	19.000
MEAN	57.925	12.743	0.320	0.241	18.006	0.944	0.963	63.306
STANDARD DEVIATION	8.929	2.151	0.327	0.154	4.316	0.306	0.260	5.089
N SIZE	16.000							

Part ID= A1 - SQUARE CUT

A1 YI Values

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

Rater	G1TOT	G2TOT	G3TOT	G4TOT	L2TOT	L3TOT	L4TOT	TGF
Aguirre, Nancy P	-0.18	-0.32	-0.12	0.64	-0.47	-0.14	0.84	-0.65
Barrera, Tony	0.30	-0.10	-0.52	-1.04	0.29	0.45	-1.67	-0.26
Castro, Rafael	0.99	0.07	0.55	1.68	0.11	0.31	1.76	1.51
DeCapite, Vanessa	-0.92	0.49	-0.21	-0.33	0.50	-0.24	0.14	0.33
Foecking, Brian	0.05	-0.91	-0.95	-0.72	0.63	-1.84	-1.48	-0.26
Hill, Howard P.	0.10	-1.27	-0.31	0.45	-0.42	-1.25	-1.55	0.33
Kanauchi, Masaya	-1.44	2.41	0.43	-0.26	-0.47	0.15	0.14	0.90
Langford, Mike	1.52	0.25	0.55	-0.26	-0.23	1.82	1.11	1.12
Lopez, Frank	0.63	-0.68	0.21	1.03	0.72	0.02	-0.47	-1.24
Nakano, Shinya	-0.90	1.73	-0.06	1.75	-0.82	-0.53	0.80	0.33
Potocar, William P	-1.72	0.54	-0.09	-0.26	-0.20	1.10	0.84	-0.85
Seeck, Christian	1.42	-0.79	-0.89	-1.49	-0.83	-0.21	-0.67	0.14
Seiz, Ray	1.23	-1.11	-0.67	-0.91	2.07	0.28	0.49	-0.26
Thomsen, Sven	0.24	0.50	-0.92	-1.24	-2.17	0.61	0.26	1.51
Trevino, Bobby	-0.49	-0.68	-0.27	0.00	1.60	-1.71	-0.51	-2.22
Viera, Ralph B.	-0.83	-0.14	3.27	0.97	-0.31	1.20	-0.01	-0.45
MAXIMUM	-1.72	2.41	3.27	1.75	-2.17	-1.84	1.76	-2.22
MINIMUM	0.05	0.07	-0.06	0.00	0.11	0.02	-0.01	0.14
RANGE(MAX-MIN)	-1.770	2.339	3.330	1.750	-2.273	-1.862	1.772	-2.358
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 (2013 October 8-10)

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
Aguirre, Nancy P	33.00	43.00	1.10	0.68	1.54	20.01	0.93	0.92	19.00	46.00	0.00	0.00
Barrera, Tony	32.25	29.77	1.20	0.34	4.08	24.14	1.40	1.58	16.00	26.00	0.00	0.00
Castro, Rafael	38.77	50.06	0.23	0.42	3.49	39.32	0.93	1.70	29.00	42.00	0.00	1.00
DeCapite, Vanessa	35.00	33.11	1.30	1.32	3.65	26.66	1.58	0.69	20.00	35.00	0.00	0.00
Escobar, Wilmar	35.00	52.15	2.73	1.30	4.07	88.09	1.40	1.60	60.00	70.00	0.00	0.00
Foecking, Brian	35.50	46.75	1.38	0.55	3.83	20.90	0.44	0.94	21.00	48.00	0.00	0.00
Fujita, Hirokazu	35.25	31.43	1.25	1.03	3.50	24.39	0.96	1.24	19.00	42.00	0.00	0.00
Hill, Howard P.	33.52	49.15	1.38	1.17	3.14	23.82	1.52	1.67	24.00	54.00	0.00	0.00
Kanauchi, Masaya	38.50	23.48	1.16	0.48	3.11	20.74	1.48	1.49	26.00	55.50	0.00	0.00
Langford, Mike	36.25	49.10	0.60	0.44	4.76	28.54	1.28	1.26	35.00	48.00	0.00	0.00
Lopez, Frank	33.75	36.64	1.06	0.46	5.68	23.37	1.17	1.48	23.00	35.00	0.00	0.00
Nakano, Shinya	38.75	23.60	1.58	0.68	3.06	24.56	1.48	0.70	22.00	66.00	0.00	0.00
Potocar, William P	31.25	34.18	0.91	0.37	5.31	21.44	0.97	0.64	17.00	50.00	0.00	0.00
Seeck, Christian	36.50	46.03	0.57	0.12	2.59	23.80	0.55	0.68	25.00	57.00	0.00	0.00
Trevino, Bobby	32.00	32.35	1.06	0.52	3.59	22.63	0.99	1.03	16.00	32.00	0.00	0.00
Viera, Ralph B.	34.00	28.75	1.37	0.54	4.79	21.71	1.15	1.37	22.00	33.00	0.00	0.00
MAXIMUM	38.77	52.15	2.73	1.32	5.68	88.09	1.58	1.70	60.00	70.00	0.00	1.00
MINIMUM	31.25	23.48	0.23	0.12	1.54	20.01	0.44	0.64	16.00	26.00	0.00	0.00
RANGE(MAX-MIN)	7.520	28.670	2.500	1.200	4.140	68.080	1.140	1.060	44.000	44.000	0.000	1.000
MEAN	34.956	38.097	1.180	0.651	3.762	28.383	1.139	1.187	24.625	46.219	0.000	0.063
STANDARD DEVIATION	2.366	9.818	0.543	0.360	1.037	16.560	0.340	0.386	10.651	12.419	0.000	0.250
N SIZE	16.000											

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
Aguirre, Nancy P	-0.83	0.50	-0.15	0.08	-2.14	-0.51	-0.62	-0.69	-0.53	-0.02	0.00	-0.25
Barrera, Tony	-1.14	-0.85	0.04	-0.86	0.31	-0.26	0.77	1.02	-0.81	-1.63	0.00	-0.25
Castro, Rafael	1.61	1.22	-1.75	-0.64	-0.26	0.66	-0.62	1.33	0.41	-0.34	0.00	3.75
DeCapite, Vanessa	0.02	-0.51	0.22	1.86	-0.11	-0.10	1.30	-1.29	-0.43	-0.90	0.00	-0.25
Escobar, Wilmar	0.02	1.43	2.86	1.80	0.30	3.61	0.77	1.07	3.32	1.91	0.00	-0.25
Foecking, Brian	0.23	0.88	0.37	-0.28	0.07	-0.45	-2.06	-0.64	-0.34	0.14	0.00	-0.25
Fujita, Hirokazu	0.12	-0.68	0.13	1.05	-0.25	-0.24	-0.53	0.14	-0.53	-0.34	0.00	-0.25
Hill, Howard P.	-0.61	1.13	0.37	1.44	-0.60	-0.28	1.12	1.25	-0.06	0.63	0.00	-0.25
Kanauchi, Masaya	1.50	-1.49	-0.04	-0.48	-0.63	-0.46	1.00	0.78	0.13	0.75	0.00	-0.25
Langford, Mike	0.55	1.12	-1.07	-0.59	0.96	0.01	0.41	0.19	0.97	0.14	0.00	-0.25
Lopez, Frank	-0.51	-0.15	-0.22	-0.53	1.85	-0.30	0.09	0.76	-0.15	-0.90	0.00	-0.25
Nakano, Shinya	1.60	-1.48	0.74	0.08	-0.68	-0.23	1.00	-1.26	-0.25	1.59	0.00	-0.25
Potocar, William P	-1.57	-0.40	-0.50	-0.78	1.49	-0.42	-0.50	-1.42	-0.72	0.30	0.00	-0.25
Seeck, Christian	0.65	0.81	-1.12	-1.48	-1.13	-0.28	-1.73	-1.31	0.04	0.87	0.00	-0.25
Trevino, Bobby	-1.25	-0.59	-0.22	-0.36	-0.17	-0.35	-0.44	-0.41	-0.81	-1.14	0.00	-0.25
Viera, Ralph B.	-0.40	-0.95	0.35	-0.31	0.99	-0.40	0.03	0.47	-0.25	-1.06	0.00	-0.25
MAXIMUM	1.61	-1.49	2.86	1.86	-2.14	3.61	-2.06	-1.42	3.32	1.91	0.00	3.75
MINIMUM	0.02	-0.15	0.04	0.08	0.07	0.01	0.03	0.14	0.04	-0.02	0.00	-0.25
RANGE(MAX-MIN)	1.593	-1.340	2.819	1.778	-2.208	3.596	-2.088	-1.553	3.286	1.933	0.000	4.000
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 (2013 October 8-10)

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
Aguirre, Nancy P	33.00	43.00	1.10	0.68	1.54	20.01	0.93	0.92	19.00	46.00	0.00	0.00
Barrera, Tony	32.25	29.77	1.20	0.34	4.08	24.14	1.40	1.58	16.00	26.00	0.00	0.00
Castro, Rafael	38.77	50.06	0.23	0.42	3.49	39.32	0.93	1.70	29.00	42.00	0.00	1.00
DeCapite, Vanessa	35.00	33.11	1.30	1.32	3.65	26.66	1.58	0.69	20.00	35.00	0.00	0.00
Foecking, Brian	35.50	46.75	1.38	0.55	3.83	20.90	0.44	0.94	21.00	48.00	0.00	0.00
Fujita, Hirokazu	35.25	31.43	1.25	1.03	3.50	24.39	0.96	1.24	19.00	42.00	0.00	0.00
Hill, Howard P.	33.52	49.15	1.38	1.17	3.14	23.82	1.52	1.67	24.00	54.00	0.00	0.00
Kanauchi, Masaya	38.50	23.48	1.16	0.48	3.11	20.74	1.48	1.49	26.00	55.50	0.00	0.00
Langford, Mike	36.25	49.10	0.60	0.44	4.76	28.54	1.28	1.26	35.00	48.00	0.00	0.00
Lopez, Frank	33.75	36.64	1.06	0.46	5.68	23.37	1.17	1.48	23.00	35.00	0.00	0.00
Nakano, Shinya	38.75	23.60	1.58	0.68	3.06	24.56	1.48	0.70	22.00	66.00	0.00	0.00
Potocar, William P	31.25	34.18	0.91	0.37	5.31	21.44	0.97	0.64	17.00	50.00	0.00	0.00
Seeck, Christian	36.50	46.03	0.57	0.12	2.59	23.80	0.55	0.68	25.00	57.00	0.00	0.00
Trevino, Bobby	32.00	32.35	1.06	0.52	3.59	22.63	0.99	1.03	16.00	32.00	0.00	0.00
Viera, Ralph B.	34.00	28.75	1.37	0.54	4.79	21.71	1.15	1.37	22.00	33.00	0.00	0.00
MAXIMUM	38.77	50.06	1.58	1.32	5.68	39.32	1.58	1.70	35.00	66.00	0.00	1.00
MINIMUM	31.25	23.48	0.23	0.12	1.54	20.01	0.44	0.64	16.00	26.00	0.00	0.00
RANGE(MAX-MIN)	7.520	26.580	1.350	1.200	4.140	19.310	1.140	1.060	19.000	40.000	0.000	1.000
MEAN	34.953	37.160	1.077	0.608	3.741	24.402	1.122	1.159	22.267	44.633	0.000	0.067
STANDARD DEVIATION	2.449	9.394	0.364	0.327	1.070	4.711	0.345	0.383	5.120	11.053	0.000	0.258
N SIZE	15.000											

Part ID= A2 - KEYSTONE

A2 Y1 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	-0.80	0.62	0.06	0.22	-2.06	-0.93	-0.56	-0.62	-0.64	0.12	0.00	-0.26
Barrera, Tony	-1.10	-0.79	0.34	-0.82	0.32	-0.06	0.81	1.10	-1.22	-1.69	0.00	-0.26
Castro, Rafael	1.56	1.37	-2.33	-0.58	-0.23	3.17	-0.56	1.41	1.32	-0.24	0.00	3.61
DeCapite, Vanessa	0.02	-0.43	0.61	2.18	-0.09	0.48	1.33	-1.22	-0.44	-0.87	0.00	-0.26
Foecking, Brian	0.22	1.02	0.83	-0.18	0.08	-0.74	-1.98	-0.57	-0.25	0.30	0.00	-0.26
Fujita, Hirokazu	0.12	-0.61	0.48	1.29	-0.23	0.00	-0.47	0.21	-0.64	-0.24	0.00	-0.26
Hill, Howard P.	-0.58	1.28	0.83	1.72	-0.56	-0.12	1.15	1.33	0.34	0.85	0.00	-0.26
Kanauchi, Masaya	1.45	-1.46	0.23	-0.39	-0.59	-0.78	1.04	0.86	0.73	0.98	0.00	-0.26
Langford, Mike	0.53	1.27	-1.31	-0.51	0.95	0.88	0.46	0.26	2.49	0.30	0.00	-0.26
Lopez, Frank	-0.49	-0.06	-0.05	-0.45	1.81	-0.22	0.14	0.84	0.14	-0.87	0.00	-0.26
Nakano, Shinya	1.55	-1.44	1.38	0.22	-0.64	0.03	1.04	-1.20	-0.05	1.93	0.00	-0.26
Potocar, William P	-1.51	-0.32	-0.46	-0.73	1.47	-0.63	-0.44	-1.36	-1.03	0.49	0.00	-0.26
Seeck, Christian	0.63	0.94	-1.39	-1.49	-1.08	-0.13	-1.66	-1.25	0.53	1.12	0.00	-0.26
Trevino, Bobby	-1.21	-0.51	-0.05	-0.27	-0.14	-0.38	-0.38	-0.34	-1.22	-1.14	0.00	-0.26
Viera, Ralph B.	-0.39	-0.90	0.81	-0.21	0.98	-0.57	0.08	0.55	-0.05	-1.05	0.00	-0.26
MAXIMUM	1.56	-1.46	-2.33	2.18	-2.06	3.17	-1.98	1.41	2.49	1.93	0.00	3.61
MINIMUM	0.02	-0.06	-0.05	-0.18	0.08	0.00	0.08	0.21	-0.05	0.12	0.00	-0.26
RANGE(MAX-MIN)	1.539	-1.401	-2.280	2.356	-2.140	3.169	-2.060	1.200	2.539	1.810	0.000	3.873
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	15.000											

HEAVY DUTY RATING WORKSHOP (2013 October 8-10)

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
Barrera, Tony	30.56	3.71	2.72	20.32	20.01	3.59	1.85
DeCapite, Vanessa	37.50	3.37	1.64	19.57	19.90	3.49	1.35
Escobar, Wilmar	53.11	2.94	4.36	19.00	30.38	6.04	3.00
Fujita, Hirokazu	48.80	3.70	2.94	23.36	19.19	3.35	2.50
Hill, Howard P.	52.81	3.35	5.06	17.25	21.51	4.30	4.70
Kanauchi, Masaya	49.02	4.61	3.70	18.46	16.71	5.59	3.50
Langford, Mike	54.66	6.38	3.80	26.51	22.32	5.22	1.15
Lopez, Frank	26.10	2.51	1.79	26.98	20.81	4.35	2.15
Nakano, Shinya	47.37	9.23	4.81	25.09	19.54	7.27	3.47
Potocar, William P	41.09	5.16	3.88	21.06	19.24	5.09	2.76
Seeck, Christian	48.29	3.50	2.00	23.84	26.62	3.76	1.70
Thomsen, Sven	36.20	3.76	2.75	19.04	18.57	5.43	2.45
Viera, Ralph B.	44.56	5.28	3.66	22.32	19.35	4.52	2.59
MAXIMUM	54.66	9.23	5.06	26.98	30.38	7.27	4.70
MINIMUM	26.10	2.51	1.64	17.25	16.71	3.35	1.15
RANGE(MAX-MIN)	28.560	6.720	3.420	9.730	13.670	3.920	3.550
MEAN	43.852	4.423	3.316	21.754	21.088	4.769	2.552
STANDARD DEVIATION	8.967	1.796	1.113	3.185	3.643	1.148	0.975
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
Barrera, Tony	-1.48	-0.40	-0.54	-0.45	-0.30	-1.03	-0.72
DeCapite, Vanessa	-0.71	-0.59	-1.51	-0.69	-0.33	-1.11	-1.23
Escobar, Wilmar	1.03	-0.83	0.94	-0.86	2.55	1.11	0.46
Fujita, Hirokazu	0.55	-0.40	-0.34	0.50	-0.52	-1.24	-0.05
Hill, Howard P.	1.00	-0.60	1.57	-1.41	0.12	-0.41	2.20
Kanauchi, Masaya	0.58	0.10	0.34	-1.03	-1.20	0.72	0.97
Langford, Mike	1.21	1.09	0.43	1.49	0.34	0.39	-1.44
Lopez, Frank	-1.98	-1.07	-1.37	1.64	-0.08	-0.37	-0.41
Nakano, Shinya	0.39	2.68	1.34	1.05	-0.43	2.18	0.94
Potocar, William P	-0.31	0.41	0.51	-0.22	-0.51	0.28	0.21
Seeck, Christian	0.50	-0.51	-1.18	0.66	1.52	-0.88	-0.87
Thomsen, Sven	-0.85	-0.37	-0.51	-0.85	-0.69	0.58	-0.10
Viera, Ralph B.	0.08	0.48	0.31	0.18	-0.48	-0.22	0.04
MAXIMUM	-1.98	2.68	1.57	1.64	2.55	2.18	2.20
MINIMUM	0.08	0.10	0.31	0.18	-0.08	-0.22	0.04
RANGE(MAX-MIN)	-2.059	2.573	1.258	1.463	2.627	2.396	2.164
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 (2013 October 8-10)

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
Aguirre, Nancy P	54.10	0.32	0.42	0.32	15.25	0.39	0.59	49.00
Avis, Steven	57.25	0.34	0.12	0.00	16.09	0.10	0.10	52.00
Barrera, Tony	54.82	0.46	0.32	0.30	14.93	0.34	0.34	52.00
Castro, Rafael	56.75	0.58	0.50	0.20	17.99	0.50	0.65	50.00
DeCapite, Vanessa	35.00	0.35	0.38	0.19	22.57	0.34	0.45	50.00
Escobar, Wilmar	61.50	1.00	1.00	1.00	23.45	1.00	1.10	47.00
Foecking, Brian	48.84	0.02	0.01	0.01	17.99	0.01	0.04	50.00
Fujita, Hirokazu	57.75	0.63	0.20	0.10	15.95	0.20	0.23	47.00
Hill, Howard P.	52.78	0.09	0.02	0.01	15.35	0.17	0.05	54.00
Kanauchi, Masaya	43.29	0.30	0.30	0.30	14.36	0.30	0.30	51.00
Kobrinetz, Joaquin J.	50.91	0.25	0.17	0.14	14.40	0.10	0.20	43.00
Kraemer, Vernon	47.46	0.30	0.74	0.28	22.57	0.20	0.33	43.00
Langford, Mike	68.25	0.33	0.24	0.30	16.29	0.60	0.56	66.00
Lopez, Frank	57.75	0.20	0.10	0.10	15.27	0.20	0.25	51.00
Nakano, Shinya	49.75	0.45	0.37	0.31	12.00	0.50	0.56	50.00
Potocar, William P	37.25	0.30	0.20	0.10	15.26	0.30	0.40	48.00
Seeck, Christian	65.50	0.03	0.03	0.01	15.09	0.50	0.53	49.00
Terrado, Ken	45.00	0.17	0.17	0.05	12.46	0.22	0.22	47.00
Thomsen, Sven	47.65	0.14	0.02	0.00	15.81	0.02	0.12	59.00
Trevino, Bobby	49.58	0.23	0.16	0.24	18.87	0.21	0.25	49.00
Viera, Ralph B.	43.75	0.49	0.65	0.32	18.93	0.53	0.29	49.00
MAXIMUM	68.25	1.00	1.00	1.00	23.45	1.00	1.10	66.00
MINIMUM	35.00	0.02	0.01	0.00	12.00	0.01	0.04	43.00
RANGE(MAX-MIN)	33.250	0.980	0.990	1.000	11.450	0.990	1.060	23.000
MEAN	51.663	0.332	0.291	0.204	16.709	0.320	0.360	50.286
STANDARD DEVIATION	8.440	0.224	0.258	0.219	3.114	0.230	0.247	4.971
N SIZE	21.000							

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
Aguirre, Nancy P	0.29	-0.06	0.50	0.53	-0.47	0.30	0.93	-0.26
Avis, Steven	0.66	0.03	-0.66	-0.93	-0.20	-0.96	-1.05	0.34
Barrera, Tony	0.37	0.57	0.11	0.44	-0.57	0.08	-0.08	0.34
Castro, Rafael	0.60	1.11	0.81	-0.02	0.41	0.78	1.17	-0.06
DeCapite, Vanessa	-1.97	0.08	0.34	-0.06	1.88	0.08	0.36	-0.06
Escobar, Wilmar	1.17	2.99	2.74	3.63	2.16	2.95	2.99	-0.66
Foecking, Brian	-0.33	-1.40	-1.09	-0.88	0.41	-1.35	-1.29	-0.06
Fujita, Hirokazu	0.72	1.33	-0.35	-0.47	-0.24	-0.52	-0.53	-0.66
Hill, Howard P.	0.13	-1.08	-1.05	-0.88	-0.44	-0.65	-1.25	0.75
Kanauchi, Masaya	-0.99	-0.14	0.03	0.44	-0.75	-0.09	-0.24	0.14
Kobrinetz, Joaquin J.	-0.09	-0.37	-0.47	-0.29	-0.74	-0.96	-0.65	-1.47
Kraemer, Vernon	-0.50	-0.14	1.74	0.35	1.88	-0.52	-0.12	-1.47
Langford, Mike	1.97	-0.01	-0.20	0.44	-0.13	1.21	0.81	3.16
Lopez, Frank	0.72	-0.59	-0.74	-0.47	-0.46	-0.52	-0.44	0.14
Nakano, Shinya	-0.23	0.53	0.30	0.48	-1.51	0.78	0.81	-0.06
Potocar, William P	-1.71	-0.14	-0.35	-0.47	-0.47	-0.09	0.16	-0.46
Seeck, Christian	1.64	-1.35	-1.01	-0.88	-0.52	0.78	0.69	-0.26
Terrado, Ken	-0.79	-0.73	-0.47	-0.70	-1.36	-0.44	-0.57	-0.66
Thomsen, Sven	-0.48	-0.86	-1.05	-0.93	-0.29	-1.31	-0.97	1.75
Trevino, Bobby	-0.25	-0.46	-0.51	0.16	0.69	-0.48	-0.44	-0.26
Viera, Ralph B.	-0.94	0.70	1.39	0.53	0.71	0.91	-0.28	-0.26
MAXIMUM	-1.97	2.99	2.74	3.63	2.16	2.95	2.99	3.16
MINIMUM	-0.09	-0.01	0.03	-0.02	-0.13	0.08	-0.08	-0.06
RANGE(MAX-MIN)	-1.885	2.996	2.711	3.646	2.299	2.868	3.073	3.219
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	21.000							

HEAVY DUTY RATING WORKSHOP (2013 October 8-10)

Part ID= A4 - 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	54.10	0.32	0.42	0.32	15.25	0.39	0.59	49.00
Avis, Steven	57.25	0.34	0.12	0.00	16.09	0.10	0.10	52.00
Barrera, Tony	54.82	0.46	0.32	0.30	14.93	0.34	0.34	52.00
Castro, Rafael	56.75	0.58	0.50	0.20	17.99	0.50	0.65	50.00
DeCapite, Vanessa	35.00	0.35	0.38	0.19	22.57	0.34	0.45	50.00
Foecking, Brian	48.84	0.02	0.01	0.01	17.99	0.01	0.04	50.00
Fujita, Hirokazu	57.75	0.63	0.20	0.10	15.95	0.20	0.23	47.00
Hill, Howard P.	52.78	0.09	0.02	0.01	15.35	0.17	0.05	54.00
Kanauchi, Masaya	43.29	0.30	0.30	0.30	14.36	0.30	0.30	51.00
Kobrinetz, Joaquin J.	50.91	0.25	0.17	0.14	14.40	0.10	0.20	43.00
Kraemer, Vernon	47.46	0.30	0.74	0.28	22.57	0.20	0.33	43.00
Lopez, Frank	57.75	0.20	0.10	0.10	15.27	0.20	0.25	51.00
Nakano, Shinya	49.75	0.45	0.37	0.31	12.00	0.50	0.56	50.00
Potocar, William P	37.25	0.30	0.20	0.10	15.26	0.30	0.40	48.00
Seeck, Christian	65.50	0.03	0.03	0.01	15.09	0.50	0.53	49.00
Terrado, Ken	45.00	0.17	0.17	0.05	12.46	0.22	0.22	47.00
Thomsen, Sven	47.65	0.14	0.02	0.00	15.81	0.02	0.12	59.00
Trevino, Bobby	49.58	0.23	0.16	0.24	18.87	0.21	0.25	49.00
Viera, Ralph B.	43.75	0.49	0.65	0.32	18.93	0.53	0.29	49.00
MAXIMUM	65.50	0.63	0.74	0.32	22.57	0.53	0.65	59.00
MINIMUM	35.00	0.02	0.01	0.00	12.00	0.01	0.04	43.00
RANGE(MAX-MIN)	30.500	0.610	0.730	0.320	10.570	0.520	0.610	16.000
MEAN	50.273	0.297	0.257	0.157	16.376	0.270	0.311	49.632
STANDARD DEVIATION	7.513	0.172	0.212	0.124	2.850	0.162	0.181	3.562
N SIZE	19.000							

Part ID= A4 - SQUARE CUT

A4 YI Values

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

Rater	G1TOT	G2TOT	G3TOT	G4TOT	I2TOT	I3TOT	I4TOT	TGF
Aguirre, Nancy P	0.51	0.13	0.77	1.31	-0.39	0.74	1.55	-0.18
Avis, Steven	0.93	0.25	-0.65	-1.26	-0.10	-1.05	-1.16	0.66
Barrera, Tony	0.61	0.95	0.30	1.15	-0.51	0.43	0.16	0.66
Castro, Rafael	0.86	1.65	1.15	0.35	0.57	1.42	1.88	0.10
DeCapite, Vanessa	-2.03	0.31	0.58	0.27	2.17	0.43	0.77	0.10
Foecking, Brian	-0.19	-1.61	-1.17	-1.18	0.57	-1.61	-1.50	0.10
Fujita, Hirokazu	1.00	1.94	-0.27	-0.46	-0.15	-0.43	-0.45	-0.74
Hill, Howard P.	0.33	-1.21	-1.12	-1.18	-0.36	-0.62	-1.44	1.23
Kanauchi, Masaya	-0.93	0.02	0.20	1.15	-0.71	0.19	-0.06	0.38
Kobrinetz, Joaquin J.	0.08	-0.28	-0.41	-0.14	-0.69	-1.05	-0.61	-1.86
Kraemer, Vernon	-0.37	0.02	2.28	0.99	2.17	-0.43	0.11	-1.86
Lopez, Frank	1.00	-0.57	-0.74	-0.46	-0.39	-0.43	-0.33	0.38
Nakano, Shinya	-0.07	0.89	0.53	1.23	-1.54	1.42	1.38	0.10
Potocar, William P	-1.73	0.02	-0.27	-0.46	-0.39	0.19	0.49	-0.46
Seeck, Christian	2.03	-1.56	-1.07	-1.18	-0.45	1.42	1.21	-0.18
Terrado, Ken	-0.70	-0.74	-0.41	-0.86	-1.37	-0.31	-0.50	-0.74
Thomsen, Sven	-0.35	-0.92	-1.12	-1.26	-0.20	-1.55	-1.05	2.63
Trevino, Bobby	-0.09	-0.39	-0.46	0.67	0.88	-0.37	-0.33	-0.18
Viera, Ralph B.	-0.87	1.12	1.86	1.31	0.90	1.61	-0.11	-0.18
MAXIMUM	-2.03	1.94	2.28	1.31	2.17	-1.61	1.88	2.63
MINIMUM	-0.07	0.02	0.20	-0.14	-0.10	0.19	-0.06	0.10
RANGE(MAX-MIN)	-1.963	1.921	2.079	1.448	2.273	-1.793	1.935	2.527
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 (2013 October 8-10)

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
Barrera, Tony	15.34	25.00	2.21	27.78	24.64	7.39	0.88	0.20
Castro, Rafael	13.24	27.25	2.27	37.83	29.50	7.85	1.47	0.55
DeCapite, Vanessa	17.97	25.00	2.00	27.78	25.75	8.10	1.07	0.28
Foecking, Brian	17.18	25.00	1.82	26.29	24.68	8.04	1.24	0.30
Fujita, Hirokazu	17.04	25.00	2.34	25.53	22.03	7.18	1.10	0.28
Hill, Howard P.	12.28	17.00	2.88	42.25	21.92	5.50	0.70	0.10
Kanauchi, Masaya	13.25	25.00	1.73	25.00	24.15	8.20	0.79	0.31
Kraemer, Vernon	16.39	25.00	1.72	31.43	24.59	6.32	0.96	0.64
Langford, Mike	17.27	25.00	2.85	37.75	22.30	7.73	1.45	0.20
Lopez, Frank	16.60	25.00	1.31	28.32	24.65	8.21	1.13	0.15
Nakano, Shinya	17.13	25.00	2.29	27.56	19.63	7.64	1.48	0.79
Potocar, William P	20.20	25.00	2.59	24.79	24.83	8.28	1.50	0.26
Seeck, Christian	15.15	25.00	2.04	27.40	23.79	6.40	0.85	0.27
Veiga, Victor	17.87	25.00	1.57	26.50	24.49	7.60	0.49	0.12
Viera, Ralph B.	16.36	25.00	2.10	26.50	24.64	8.42	0.86	0.09
MAXIMUM	20.20	27.25	2.88	42.25	29.50	8.42	1.50	0.79
MINIMUM	12.28	17.00	1.31	24.79	19.63	5.50	0.49	0.09
RANGE(MAX-MIN)	7.920	10.250	1.570	17.460	9.870	2.920	1.010	0.700
MEAN	16.218	24.617	2.115	29.514	24.106	7.524	1.065	0.303
STANDARD DEVIATION	2.079	2.185	0.449	5.383	2.178	0.846	0.314	0.204
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
Barrera, Tony	-0.42	0.18	0.21	-0.32	0.25	-0.16	-0.59	-0.50
Castro, Rafael	-1.43	1.21	0.35	1.54	2.48	0.39	1.29	1.21
DeCapite, Vanessa	0.84	0.18	-0.26	-0.32	0.76	0.68	0.02	-0.11
Foecking, Brian	0.46	0.18	-0.66	-0.60	0.26	0.61	0.56	-0.01
Fujita, Hirokazu	0.40	0.18	0.50	-0.74	-0.95	-0.41	0.11	-0.11
Hill, Howard P.	-1.89	-3.49	1.71	2.37	-1.00	-2.39	-1.16	-1.00
Kanauchi, Masaya	-1.43	0.18	-0.86	-0.84	0.02	0.80	-0.87	0.04
Kraemer, Vernon	0.08	0.18	-0.88	0.36	0.22	-1.42	-0.33	1.66
Langford, Mike	0.51	0.18	1.64	1.53	-0.83	0.24	1.23	-0.50
Lopez, Frank	0.18	0.18	-1.79	-0.22	0.25	0.81	0.21	-0.75
Nakano, Shinya	0.44	0.18	0.39	-0.36	-2.06	0.14	1.32	2.39
Potocar, William P	1.92	0.18	1.06	-0.88	0.33	0.89	1.39	-0.21
Seeck, Christian	-0.51	0.18	-0.17	-0.39	-0.15	-1.33	-0.68	-0.16
Veiga, Victor	0.79	0.18	-1.21	-0.56	0.18	0.09	-1.83	-0.90
Viera, Ralph B.	0.07	0.18	-0.03	-0.56	0.25	1.06	-0.65	-1.04
MAXIMUM	1.92	-3.49	-1.79	2.37	2.48	-2.39	-1.83	2.39
MINIMUM	0.07	0.18	-0.03	-0.22	0.02	0.09	0.02	-0.01
RANGE(MAX-MIN)	1.847	-3.661	-1.760	2.588	2.457	-2.483	-1.846	2.406
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 (2013 October 8-10)

Part ID= A5 - 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	15.34	25.00	2.21	27.78	24.64	7.39	0.88	0.20
Castro, Rafael	13.24	27.25	2.27	37.83	29.50	7.85	1.47	0.55
DeCapite, Vanessa	17.97	25.00	2.00	27.78	25.75	8.10	1.07	0.28
Foecking, Brian	17.18	25.00	1.82	26.29	24.68	8.04	1.24	0.30
Fujita, Hirokazu	17.04	25.00	2.34	25.53	22.03	7.18	1.10	0.28
Kanauchi, Masaya	13.25	25.00	1.73	25.00	24.15	8.20	0.79	0.31
Kraemer, Vernon	16.39	25.00	1.72	31.43	24.59	6.32	0.96	0.64
Langford, Mike	17.27	25.00	2.85	37.75	22.30	7.73	1.45	0.20
Lopez, Frank	16.60	25.00	1.31	28.32	24.65	8.21	1.13	0.15
Nakano, Shinya	17.13	25.00	2.29	27.56	19.63	7.64	1.48	0.79
Potocar, William P	20.20	25.00	2.59	24.79	24.83	8.28	1.50	0.26
Seeck, Christian	15.15	25.00	2.04	27.40	23.79	6.40	0.85	0.27
Veiga, Victor	17.87	25.00	1.57	26.50	24.49	7.60	0.49	0.12
Viera, Ralph B.	16.36	25.00	2.10	26.50	24.64	8.42	0.86	0.09
MAXIMUM	20.20	27.25	2.85	37.83	29.50	8.42	1.50	0.79
MINIMUM	13.24	25.00	1.31	24.79	19.63	6.32	0.49	0.09
RANGE(MAX-MIN)	6.960	2.250	1.540	13.040	9.870	2.100	1.010	0.700
MEAN	16.499	25.161	2.060	28.604	24.262	7.669	1.091	0.317
STANDARD DEVIATION	1.837	0.601	0.411	4.224	2.171	0.658	0.309	0.203
N SIZE	14.000							

Part ID= A5 - SEQUENCE III

A5 Y1 Values

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

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	UCTOT	THTOT	ATTOT
Barrera, Tony	-0.63	-0.27	0.37	-0.20	0.17	-0.42	-0.68	-0.58
Castro, Rafael	-1.77	3.47	0.51	2.18	2.41	0.28	1.23	1.15
DeCapite, Vanessa	0.80	-0.27	-0.15	-0.20	0.69	0.66	-0.07	-0.18
Foecking, Brian	0.37	-0.27	-0.58	-0.55	0.19	0.56	0.48	-0.08
Fujita, Hirokazu	0.29	-0.27	0.68	-0.73	-1.03	-0.74	0.03	-0.18
Kanauchi, Masaya	-1.77	-0.27	-0.80	-0.85	-0.05	0.81	-0.97	-0.04
Kraemer, Vernon	-0.06	-0.27	-0.83	0.67	0.15	-2.05	-0.42	1.59
Langford, Mike	0.42	-0.27	1.92	2.17	-0.90	0.09	1.16	-0.58
Lopez, Frank	0.05	-0.27	-1.83	-0.07	0.18	0.82	0.13	-0.82
Nakano, Shinya	0.34	-0.27	0.56	-0.25	-2.13	-0.04	1.26	2.33
Potocar, William P	2.01	-0.27	1.29	-0.90	0.26	0.93	1.33	-0.28
Seeck, Christian	-0.73	-0.27	-0.05	-0.29	-0.22	-1.93	-0.78	-0.23
Veiga, Victor	0.75	-0.27	-1.19	-0.50	0.11	-0.10	-1.94	-0.97
Viera, Ralph B.	-0.08	-0.27	0.10	-0.50	0.17	1.14	-0.75	-1.12
MAXIMUM	2.01	3.47	1.92	2.18	2.41	-2.05	-1.94	2.33
MINIMUM	0.05	-0.27	-0.05	-0.07	-0.05	-0.04	0.03	-0.04
RANGE(MAX-MIN)	1.960	3.742	1.972	2.252	2.465	-2.007	-1.975	2.363
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 (2013 October 8-10)

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	TLEC
Barrera, Tony	41.50	8.59	0.70	2.10	39.37	4.59	2.06	0.53	30.00	2.00	22.00	2.00
Castro, Rafael	47.32	9.29	0.82	3.90	40.02	8.52	2.61	0.91	26.00	6.00	24.00	1.00
DeCapite, Vanessa	42.00	13.83	1.34	2.26	41.10	4.75	1.33	0.20	42.00	5.00	30.00	5.00
Fujita, Hirokazu	40.35	10.45	1.46	6.20	30.68	4.56	1.58	0.50	38.00	0.40	8.00	0.00
Hill, Howard P.	39.80	8.02	0.76	2.10	39.31	4.49	4.11	0.70	34.00	1.00	31.00	0.00
Kanauchi, Masaya	44.72	7.47	0.74	6.76	31.20	1.15	0.85	0.85	31.80	0.80	20.00	0.00
Langford, Mike	43.60	14.13	1.16	3.60	49.00	9.22	2.20	0.57	40.00	10.00	32.00	3.00
Lopez, Frank	39.00	9.76	0.45	6.90	46.43	6.01	1.28	0.42	29.00	0.00	29.00	0.00
Nakano, Shinya	47.93	10.90	1.65	4.50	41.86	5.12	1.48	1.04	35.00	3.00	23.00	0.00
Potocar, William P	43.00	16.73	1.10	5.70	40.75	5.38	1.88	0.68	32.00	2.00	28.00	4.00
Seeck, Christian	43.75	11.14	0.62	7.06	47.50	3.89	0.91	0.58	35.00	6.00	30.00	0.00
Viera, Ralph B.	43.75	9.27	1.12	6.30	42.88	5.76	2.92	1.38	30.00	1.00	25.00	2.00
MAXIMUM	47.93	16.73	1.65	7.06	49.00	9.22	4.11	1.38	42.00	10.00	32.00	5.00
MINIMUM	39.00	7.47	0.45	2.10	30.68	1.15	0.85	0.20	26.00	0.00	8.00	0.00
RANGE(MAX-MIN)	8.930	9.260	1.200	4.960	18.320	8.070	3.260	1.180	16.000	10.000	24.000	5.000
MEAN	43.060	10.798	0.993	4.782	40.842	5.287	1.934	0.697	33.567	3.100	25.167	1.417
STANDARD DEVIATION	2.761	2.781	0.368	1.948	5.631	2.083	0.934	0.312	4.725	3.037	6.658	1.782
N SIZE	12.000											

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	TLEC
Barrera, Tony	-0.56	-0.79	-0.80	-1.38	-0.26	-0.33	0.13	-0.53	-0.75	-0.36	-0.48	0.33
Castro, Rafael	1.54	-0.54	-0.47	-0.45	-0.15	1.55	0.72	0.68	-1.60	0.95	-0.18	-0.23
DeCapite, Vanessa	-0.38	1.09	0.94	-1.29	0.05	-0.26	-0.65	-1.59	1.78	0.63	0.73	2.01
Fujita, Hirokazu	-0.98	-0.13	1.27	0.73	-1.80	-0.35	-0.38	-0.63	0.94	-0.89	-2.58	-0.80
Hill, Howard P.	-1.18	-1.00	-0.63	-1.38	-0.27	-0.38	2.33	0.01	0.09	-0.69	0.88	-0.80
Kanauchi, Masaya	0.60	-1.20	-0.69	1.02	-1.71	-1.99	-1.16	0.49	-0.37	-0.76	-0.78	-0.80
Langford, Mike	0.20	1.20	0.45	-0.61	1.45	1.89	0.28	-0.41	1.36	2.27	1.03	0.89
Lopez, Frank	-1.47	-0.37	-1.47	1.09	0.99	0.35	-0.70	-0.89	-0.97	-1.02	0.58	-0.80
Nakano, Shinya	1.76	0.04	1.78	-0.14	0.18	-0.08	-0.49	1.10	0.30	-0.03	-0.33	-0.80
Potocar, William P	-0.02	2.13	0.29	0.47	-0.02	0.04	-0.06	-0.05	-0.33	-0.36	0.43	1.45
Seeck, Christian	0.25	0.12	-1.01	1.17	1.18	-0.67	-1.10	-0.37	0.30	0.95	0.73	-0.80
Viera, Ralph B.	0.25	-0.55	0.34	0.78	0.36	0.23	1.06	2.19	-0.75	-0.69	-0.03	0.33
MAXIMUM	1.76	2.13	1.78	-1.38	-1.80	-1.99	2.33	2.19	1.78	2.27	-2.58	2.01
MINIMUM	-0.02	0.04	0.29	-0.14	-0.02	0.04	-0.06	0.01	0.09	-0.03	-0.03	-0.23
RANGE(MAX-MIN)	1.785	2.096	1.493	-1.232	-1.788	-2.031	2.387	2.177	1.693	2.305	-2.553	2.245
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 (2013 October 8-10)

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
Aguirre, Nancy P	12.37	25.00	2.22	26.27	22.70	7.20	0.80	0.13
Barrera, Tony	12.47	27.25	2.62	29.32	23.78	6.75	1.06	0.19
Castro, Rafael	10.38	55.00	2.12	52.27	36.92	6.75	0.79	0.50
DeCapite, Vanessa	15.74	28.75	3.03	30.54	23.53	6.59	0.90	0.16
Fujita, Hirokazu	18.20	25.75	2.94	28.75	21.79	6.18	0.78	0.10
Hill, Howard P.	11.03	20.68	1.73	30.52	20.71	5.09	0.53	0.02
Kanauchi, Masaya	11.73	25.00	2.41	29.50	21.94	7.68	0.90	0.20
Kraemer, Vernon	13.69	25.00	2.34	28.04	22.85	5.59	1.09	0.32
Langford, Mike	14.72	31.00	2.99	31.31	23.60	7.05	1.05	0.14
Lopez, Frank	15.08	28.00	1.63	28.75	23.40	7.00	0.75	0.10
Nakano, Shinya	14.29	27.25	2.21	25.59	17.81	6.29	1.20	0.50
Potocar, William P	16.72	25.75	2.39	29.50	24.10	7.43	1.29	0.15
Seeck, Christian	13.17	25.00	2.38	29.81	22.37	6.63	0.76	0.00
MAXIMUM	18.20	55.00	3.03	52.27	36.92	7.68	1.29	0.50
MINIMUM	10.38	20.68	1.63	25.59	17.81	5.09	0.53	0.00
RANGE(MAX-MIN)	7.820	34.320	1.400	26.680	19.110	2.590	0.760	0.500
MEAN	13.815	28.418	2.385	30.782	23.500	6.633	0.915	0.193
STANDARD DEVIATION	2.278	8.352	0.435	6.656	4.363	0.718	0.212	0.158
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
Aguirre, Nancy P	-0.63	-0.41	-0.38	-0.68	-0.18	0.79	-0.54	-0.40
Barrera, Tony	-0.59	-0.14	0.54	-0.22	0.06	0.16	0.68	-0.02
Castro, Rafael	-1.51	3.18	-0.61	3.23	3.08	0.16	-0.59	1.94
DeCapite, Vanessa	0.85	0.04	1.48	-0.04	0.01	-0.06	-0.07	-0.21
Fujita, Hirokazu	1.93	-0.32	1.27	-0.31	-0.39	-0.63	-0.64	-0.59
Hill, Howard P.	-1.22	-0.93	-1.51	-0.04	-0.64	-2.15	-1.82	-1.10
Kanauchi, Masaya	-0.92	-0.41	0.06	-0.19	-0.36	1.46	-0.07	0.04
Kraemer, Vernon	-0.05	-0.41	-0.10	-0.41	-0.15	-1.45	0.82	0.80
Langford, Mike	0.40	0.31	1.39	0.08	0.02	0.58	0.64	-0.34
Lopez, Frank	0.56	-0.05	-1.73	-0.31	-0.02	0.51	-0.78	-0.59
Nakano, Shinya	0.21	-0.14	-0.40	-0.78	-1.30	-0.48	1.34	1.94
Potocar, William P	1.28	-0.32	0.01	-0.19	0.14	1.11	1.77	-0.27
Seeck, Christian	-0.28	-0.41	-0.01	-0.15	-0.26	0.00	-0.73	-1.22
MAXIMUM	1.93	3.18	-1.73	3.23	3.08	-2.15	-1.82	1.94
MINIMUM	-0.05	0.04	0.01	-0.04	0.01	0.00	-0.07	-0.02
RANGE(MAX-MIN)	1.980	3.143	-1.745	3.265	3.069	-2.146	-1.746	1.964
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 (2013 October 8-10)

Part ID= A7 - SEQUENCE III

Rated Values

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

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	UCTOT	THIOT	ATTOT
Aguirre, Nancy P	12.37	25.00	2.22	26.27	22.70	7.20	0.80	0.13
Barrera, Tony	12.47	27.25	2.62	29.32	23.78	6.75	1.06	0.19
DeCapite, Vanessa	15.74	28.75	3.03	30.54	23.53	6.59	0.90	0.16
Fujita, Hirokazu	18.20	25.75	2.94	28.75	21.79	6.18	0.78	0.10
Hill, Howard P.	11.03	20.68	1.73	30.52	20.71	5.09	0.53	0.02
Kanauchi, Masaya	11.73	25.00	2.41	29.50	21.94	7.68	0.90	0.20
Kraemer, Vernon	13.69	25.00	2.34	28.04	22.85	5.59	1.09	0.32
Langford, Mike	14.72	31.00	2.99	31.31	23.60	7.05	1.05	0.14
Lopez, Frank	15.08	28.00	1.63	28.75	23.40	7.00	0.75	0.10
Nakano, Shinya	14.29	27.25	2.21	25.59	17.81	6.29	1.20	0.50
Potocar, William P	16.72	25.75	2.39	29.50	24.10	7.43	1.29	0.15
Seeck, Christian	13.17	25.00	2.38	29.81	22.37	6.63	0.76	0.00
MAXIMUM	18.20	31.00	3.03	31.31	24.10	7.68	1.29	0.50
MINIMUM	11.03	20.68	1.63	25.59	17.81	5.09	0.53	0.00
RANGE(MAX-MIN)	7.170	10.320	1.400	5.720	6.290	2.590	0.760	0.500
MEAN	14.101	26.203	2.408	28.992	22.382	6.623	0.926	0.168
STANDARD DEVIATION	2.121	2.552	0.447	1.690	1.740	0.749	0.218	0.134
N SIZE	12.000							

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	THIOT	ATTOT
Aguirre, Nancy P	-0.82	-0.47	-0.42	-1.61	0.18	0.77	-0.58	-0.28
Barrera, Tony	-0.77	0.41	0.48	0.19	0.80	0.17	0.62	0.17
DeCapite, Vanessa	0.77	1.00	1.39	0.92	0.66	-0.04	-0.12	-0.06
Fujita, Hirokazu	1.93	-0.18	1.19	-0.14	-0.34	-0.59	-0.67	-0.50
Hill, Howard P.	-1.45	-2.16	-1.52	0.90	-0.96	-2.05	-1.82	-1.10
Kanauchi, Masaya	-1.12	-0.47	0.01	0.30	-0.25	1.41	-0.12	0.24
Kraemer, Vernon	-0.19	-0.47	-0.15	-0.56	0.27	-1.38	0.75	1.14
Langford, Mike	0.29	1.88	1.30	1.37	0.70	0.57	0.57	-0.21
Lopez, Frank	0.46	0.70	-1.74	-0.14	0.59	0.50	-0.81	-0.50
Nakano, Shinya	0.09	0.41	-0.44	-2.01	-2.63	-0.45	1.26	2.49
Potocar, William P	1.24	-0.18	-0.04	0.30	0.99	1.08	1.67	-0.13
Seeck, Christian	-0.44	-0.47	-0.06	0.48	-0.01	0.01	-0.76	-1.25
MAXIMUM	1.93	-2.16	-1.74	-2.01	-2.63	-2.05	-1.82	2.49
MINIMUM	0.09	-0.18	0.01	-0.14	-0.01	0.01	-0.12	-0.06
RANGE(MAX-MIN)	1.844	-1.987	-1.745	-1.870	-2.621	-2.057	-1.699	2.542
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 (2013 October 8-10)

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
Avis, Steven	8.10	25.00	1.60	28.00	25.00	7.35	0.38	0.06
Barrera, Tony	8.32	25.00	2.19	28.75	24.80	6.78	0.82	0.18
Castro, Rafael	6.88	27.25	1.94	36.25	25.75	7.10	1.00	0.65
DeCapite, Vanessa	10.72	25.00	2.26	32.50	25.75	7.38	0.49	0.12
Fujita, Hirokazu	13.38	25.00	2.17	25.00	25.00	6.41	0.54	0.26
Hill, Howard P.	7.72	19.56	2.55	40.75	22.76	4.93	0.63	0.19
Kanauchi, Masaya	8.21	25.00	2.42	25.00	25.00	7.25	0.53	0.30
Kraemer, Vernon	6.75	25.00	2.36	36.00	25.00	5.95	0.63	0.35
Langford, Mike	15.22	25.00	3.02	32.26	25.00	7.10	0.69	0.49
Lopez, Frank	11.85	25.00	2.01	26.50	25.00	7.35	0.58	0.12
Nakano, Shinya	12.11	25.00	2.19	27.52	25.00	0.51	0.26	0.50
Potocar, William P	10.60	25.00	2.80	25.00	25.00	7.56	0.64	0.23
Seeck, Christian	8.35	25.00	2.10	25.00	25.00	6.30	0.44	0.06
Seiz, Ray	11.76	40.00	2.39	58.00	25.00	6.69	0.46	0.26
Thomsen, Sven	9.62	25.00	1.79	35.50	27.25	8.10	0.25	0.10
Veiga, Victor	12.31	25.00	1.70	28.00	25.00	6.74	0.27	0.12
MAXIMUM	15.22	40.00	3.02	58.00	27.25	8.10	1.00	0.65
MINIMUM	6.75	19.56	1.60	25.00	22.76	0.51	0.25	0.06
RANGE(MAX-MIN)	8.470	20.440	1.420	33.000	4.490	7.590	0.750	0.590
MEAN	10.119	25.738	2.218	31.877	25.082	6.469	0.538	0.249
STANDARD DEVIATION	2.498	4.090	0.379	8.516	0.862	1.752	0.203	0.173
N SIZE	16.000							

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
Avis, Steven	-0.81	-0.18	-1.63	-0.46	-0.10	0.50	-0.78	-1.10
Barrera, Tony	-0.72	-0.18	-0.07	-0.37	-0.33	0.18	1.39	-0.40
Castro, Rafael	-1.30	0.37	-0.73	0.51	0.78	0.36	2.27	2.32
DeCapite, Vanessa	0.24	-0.18	0.11	0.07	0.78	0.52	-0.24	-0.75
Fujita, Hirokazu	1.31	-0.18	-0.13	-0.81	-0.10	-0.03	0.01	0.06
Hill, Howard P.	-0.96	-1.51	0.88	1.04	-2.69	-0.88	0.45	-0.34
Kanauchi, Masaya	-0.76	-0.18	0.53	-0.81	-0.10	0.45	-0.04	0.29
Kraemer, Vernon	-1.35	-0.18	0.37	0.48	-0.10	-0.30	0.45	0.58
Langford, Mike	2.04	-0.18	2.12	0.05	-0.10	0.36	0.75	1.39
Lopez, Frank	0.69	-0.18	-0.55	-0.63	-0.10	0.50	0.21	-0.75
Nakano, Shinya	0.80	-0.18	-0.07	-0.51	-0.10	-3.40	-1.37	1.45
Potocar, William P	0.19	-0.18	1.53	-0.81	-0.10	0.62	0.50	-0.11
Seeck, Christian	-0.71	-0.18	-0.31	-0.81	-0.10	-0.10	-0.48	-1.10
Seiz, Ray	0.66	3.49	0.45	3.07	-0.10	0.13	-0.38	0.06
Thomsen, Sven	-0.20	-0.18	-1.13	0.43	2.52	0.93	-1.42	-0.87
Veiga, Victor	0.88	-0.18	-1.37	-0.46	-0.10	0.15	-1.32	-0.75
MAXIMUM	2.04	3.49	2.12	3.07	-2.69	-3.40	2.27	2.32
MINIMUM	0.19	-0.18	-0.07	0.05	-0.10	-0.03	0.01	0.06
RANGE(MAX-MIN)	1.849	3.667	2.189	3.023	-2.600	-3.368	2.262	2.259
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 (2013 October 8-10)

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
Avis, Steven	8.10	25.00	1.60	28.00	25.00	7.35	0.38	0.06
Barrera, Tony	8.32	25.00	2.19	28.75	24.80	6.78	0.82	0.18
Castro, Rafael	6.88	27.25	1.94	36.25	25.75	7.10	1.00	0.65
DeCapite, Vanessa	10.72	25.00	2.26	32.50	25.75	7.38	0.49	0.12
Fujita, Hirokazu	13.38	25.00	2.17	25.00	25.00	6.41	0.54	0.26
Hill, Howard P.	7.72	19.56	2.55	40.75	22.76	4.93	0.63	0.19
Kanauchi, Masaya	8.21	25.00	2.42	25.00	25.00	7.25	0.53	0.30
Kraemer, Vernon	6.75	25.00	2.36	36.00	25.00	5.95	0.63	0.35
Langford, Mike	15.22	25.00	3.02	32.26	25.00	7.10	0.69	0.49
Lopez, Frank	11.85	25.00	2.01	26.50	25.00	7.35	0.58	0.12
Potocar, William P	10.60	25.00	2.80	25.00	25.00	7.56	0.64	0.23
Seeck, Christian	8.35	25.00	2.10	25.00	25.00	6.30	0.44	0.06
Thomsen, Sven	9.62	25.00	1.79	35.50	27.25	8.10	0.25	0.10
Veiga, Victor	12.31	25.00	1.70	28.00	25.00	6.74	0.27	0.12
MAXIMUM	15.22	27.25	3.02	40.75	27.25	8.10	1.00	0.65
MINIMUM	6.75	19.56	1.60	25.00	22.76	4.93	0.25	0.06
RANGE(MAX-MIN)	8.470	7.690	1.420	15.750	4.490	3.170	0.750	0.590
MEAN	9.859	24.772	2.208	30.322	25.094	6.879	0.564	0.231
STANDARD DEVIATION	2.573	1.616	0.404	5.208	0.925	0.791	0.201	0.171
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
Avis, Steven	-0.68	0.14	-1.50	-0.45	-0.10	0.60	-0.91	-1.00
Barrera, Tony	-0.60	0.14	-0.04	-0.30	-0.32	-0.12	1.27	-0.30
Castro, Rafael	-1.16	1.53	-0.66	1.14	0.71	0.28	2.17	2.45
DeCapite, Vanessa	0.33	0.14	0.13	0.42	0.71	0.63	-0.37	-0.65
Fujita, Hirokazu	1.37	0.14	-0.09	-1.02	-0.10	-0.59	-0.12	0.17
Hill, Howard P.	-0.83	-3.23	0.85	2.00	-2.52	-2.46	0.33	-0.24
Kanauchi, Masaya	-0.64	0.14	0.52	-1.02	-0.10	0.47	-0.17	0.41
Kraemer, Vernon	-1.21	0.14	0.38	1.09	-0.10	-1.17	0.33	0.70
Langford, Mike	2.08	0.14	2.01	0.37	-0.10	0.28	0.63	1.52
Lopez, Frank	0.77	0.14	-0.49	-0.73	-0.10	0.60	0.08	-0.65
Potocar, William P	0.29	0.14	1.46	-1.02	-0.10	0.86	0.38	0.00
Seeck, Christian	-0.59	0.14	-0.27	-1.02	-0.10	-0.73	-0.61	-1.00
Thomsen, Sven	-0.09	0.14	-1.03	0.99	2.33	1.54	-1.56	-0.77
Veiga, Victor	0.95	0.14	-1.26	-0.45	-0.10	-0.18	-1.46	-0.65
MAXIMUM	2.08	-3.23	2.01	2.00	-2.52	-2.46	2.17	2.45
MINIMUM	-0.09	0.14	-0.04	-0.30	-0.10	-0.12	0.08	0.00
RANGE(MAX-MIN)	2.177	-3.367	2.053	2.304	-2.422	-2.339	2.085	2.459
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 (2013 October 8-10)

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	65.20	1.50	0.73	0.42	6.49	1.12	0.42	70.00
Arrizon, Richard	74.28	2.45	0.64	0.21	6.72	0.92	0.34	74.00
Avis, Steven	84.50	1.04	0.29	0.11	6.02	0.55	0.16	86.00
Booth, Jeffrey	79.13	2.07	1.06	0.34	12.40	2.28	0.90	86.00
Clapperty, Leon	66.82	1.11	0.63	0.25	6.20	0.75	0.23	77.00
Foecking, Brian	79.99	1.74	0.18	0.11	7.07	0.53	0.18	80.00
Guarda, Waldyr	88.32	1.01	0.30	0.20	6.31	0.78	0.40	91.00
Hurst, Kevin R.	79.25	1.60	0.57	0.20	9.03	1.19	0.36	79.00
Kobrinetz, Joaquin J.	79.20	0.94	0.33	0.19	6.18	0.47	0.21	77.00
Lauderdale, Ed	73.18	1.20	0.22	0.22	7.70	0.53	0.20	80.00
Li, Shenghua	84.49	2.40	0.50	0.20	8.17	1.26	0.50	91.50
Lowsky, John	48.80	0.44	0.40	0.20	6.89	0.52	0.38	70.00
Parvaz, Ibrar	80.00	1.90	1.00	0.00	7.84	1.00	0.55	75.00
Rodriguez, Jesus (Jesse)	54.99	1.48	0.44	0.23	6.60	0.52	0.24	75.00
Seeck, Christian	78.78	1.23	0.50	0.04	5.08	0.54	0.13	81.00
Seiz, Ray	83.45	1.15	0.46	0.20	7.82	0.71	0.30	86.00
Thomsen, Sven	78.71	1.48	0.11	0.05	5.21	0.72	0.05	84.00
Trevino, Bobby	70.87	1.45	0.55	0.31	5.98	0.63	0.30	72.00
Xu, Ting Hai	81.41	1.30	1.12	0.53	7.30	1.43	0.70	90.00
MAXIMUM	88.32	2.45	1.12	0.53	12.40	2.28	0.90	91.50
MINIMUM	48.80	0.44	0.11	0.00	5.08	0.47	0.05	70.00
RANGE(MAX-MIN)	39.520	2.010	1.010	0.530	7.320	1.810	0.850	21.500
MEAN	75.335	1.447	0.528	0.211	7.106	0.866	0.345	80.237
STANDARD DEVIATION	10.191	0.504	0.288	0.128	1.626	0.448	0.207	6.856
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	-0.99	0.11	0.70	1.63	-0.38	0.57	0.36	-1.49
Arrizon, Richard	-0.10	1.99	0.39	-0.01	-0.24	0.12	-0.02	-0.91
Avis, Steven	0.90	-0.81	-0.83	-0.79	-0.67	-0.70	-0.89	0.84
Booth, Jeffrey	0.37	1.24	1.85	1.01	3.26	3.16	2.68	0.84
Clapperty, Leon	-0.84	-0.67	0.35	0.30	-0.56	-0.26	-0.55	-0.47
Foecking, Brian	0.46	0.58	-1.21	-0.79	-0.02	-0.75	-0.80	-0.03
Guarda, Waldyr	1.27	-0.87	-0.79	-0.09	-0.49	-0.19	0.27	1.57
Hurst, Kevin R.	0.38	0.30	0.15	-0.09	1.18	0.72	0.07	-0.18
Kobrinetz, Joaquin J.	0.38	-1.00	-0.69	-0.16	-0.57	-0.88	-0.65	-0.47
Lauderdale, Ed	-0.21	-0.49	-1.07	0.07	0.37	-0.75	-0.70	-0.03
Li, Shenghua	0.90	1.89	-0.10	-0.09	0.65	0.88	0.75	1.64
Lowsky, John	-2.60	-2.00	-0.44	-0.09	-0.13	-0.77	0.17	-1.49
Parvaz, Ibrar	0.46	0.90	1.64	-1.65	0.45	0.30	0.99	-0.76
Rodriguez, Jesus (Jesse)	-2.00	0.07	-0.31	0.15	-0.31	-0.77	-0.51	-0.76
Seeck, Christian	0.34	-0.43	-0.10	-1.34	-1.25	-0.73	-1.04	0.11
Seiz, Ray	0.80	-0.59	-0.24	-0.09	0.44	-0.35	-0.22	0.84
Thomsen, Sven	0.33	0.07	-1.45	-1.26	-1.17	-0.33	-1.42	0.55
Trevino, Bobby	-0.44	0.01	0.08	0.77	-0.69	-0.53	-0.22	-1.20
Xu, Ting Hai	0.60	-0.29	2.06	2.49	0.12	1.26	1.71	1.42
MAXIMUM	-2.60	-2.00	2.06	2.49	3.26	3.16	2.68	1.64
MINIMUM	-0.10	0.01	0.08	-0.01	-0.02	0.12	-0.02	-0.03
RANGE(MAX-MIN)	-2.500	-2.002	1.980	2.500	3.278	3.035	2.703	1.677
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 (2013 October 8-10)

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	65.20	1.50	0.73	0.42	6.49	1.12	0.42	70.00
Arrizon, Richard	74.28	2.45	0.64	0.21	6.72	0.92	0.34	74.00
Avis, Steven	84.50	1.04	0.29	0.11	6.02	0.55	0.16	86.00
Clapperty, Leon	66.82	1.11	0.63	0.25	6.20	0.75	0.23	77.00
Foecking, Brian	79.99	1.74	0.18	0.11	7.07	0.53	0.18	80.00
Guarda, Waldyr	88.32	1.01	0.30	0.20	6.31	0.78	0.40	91.00
Hurst, Kevin R.	79.25	1.60	0.57	0.20	9.03	1.19	0.36	79.00
Kobrinetz, Joaquin J.	79.20	0.94	0.33	0.19	6.18	0.47	0.21	77.00
Lauderdale, Ed	73.18	1.20	0.22	0.22	7.70	0.53	0.20	80.00
Li, Shenghua	84.49	2.40	0.50	0.20	8.17	1.26	0.50	91.50
Lowsky, John	48.80	0.44	0.40	0.20	6.89	0.52	0.38	70.00
Parvaz, Ibrar	80.00	1.90	1.00	0.00	7.84	1.00	0.55	75.00
Rodriguez, Jesus (Jesse)	54.99	1.48	0.44	0.23	6.60	0.52	0.24	75.00
Seeck, Christian	78.78	1.23	0.50	0.04	5.08	0.54	0.13	81.00
Seiz, Ray	83.45	1.15	0.46	0.20	7.82	0.71	0.30	86.00
Thomsen, Sven	78.71	1.48	0.11	0.05	5.21	0.72	0.05	84.00
Trevino, Bobby	70.87	1.45	0.55	0.31	5.98	0.63	0.30	72.00
Xu, Ting Hai	81.41	1.30	1.12	0.53	7.30	1.43	0.70	90.00
MAXIMUM	88.32	2.45	1.12	0.53	9.03	1.43	0.70	91.50
MINIMUM	48.80	0.44	0.11	0.00	5.08	0.47	0.05	70.00
RANGE(MAX-MIN)	39.520	2.010	1.010	0.530	3.950	0.960	0.650	21.500
MEAN	75.124	1.412	0.498	0.204	6.812	0.787	0.314	79.917
STANDARD DEVIATION	10.444	0.495	0.265	0.128	1.029	0.297	0.162	6.907
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	-0.95	0.18	0.87	1.69	-0.31	1.12	0.65	-1.44
Arrizon, Richard	-0.08	2.10	0.53	0.05	-0.09	0.45	0.16	-0.86
Avis, Steven	0.90	-0.75	-0.79	-0.74	-0.77	-0.80	-0.95	0.88
Clapperty, Leon	-0.80	-0.61	0.50	0.36	-0.59	-0.13	-0.52	-0.42
Foecking, Brian	0.47	0.66	-1.20	-0.74	0.25	-0.87	-0.83	0.01
Guarda, Waldyr	1.26	-0.81	-0.75	-0.03	-0.49	-0.02	0.53	1.60
Hurst, Kevin R.	0.40	0.38	0.27	-0.03	2.16	1.35	0.28	-0.13
Kobrinetz, Joaquin J.	0.39	-0.95	-0.64	-0.11	-0.61	-1.07	-0.64	-0.42
Lauderdale, Ed	-0.19	-0.43	-1.05	0.13	0.86	-0.87	-0.70	0.01
Li, Shenghua	0.90	1.99	0.01	-0.03	1.32	1.59	1.15	1.68
Lowsky, John	-2.52	-1.96	-0.37	-0.03	0.08	-0.90	0.41	-1.44
Parvaz, Ibrar	0.47	0.98	1.89	-1.60	1.00	0.72	1.46	-0.71
Rodriguez, Jesus (Jesse)	-1.93	0.14	-0.22	0.20	-0.21	-0.90	-0.46	-0.71
Seeck, Christian	0.35	-0.37	0.01	-1.28	-1.68	-0.83	-1.13	0.16
Seiz, Ray	0.80	-0.53	-0.14	-0.03	0.98	-0.26	-0.09	0.88
Thomsen, Sven	0.34	0.14	-1.47	-1.20	-1.56	-0.23	-1.63	0.59
Trevino, Bobby	-0.41	0.08	0.20	0.83	-0.81	-0.53	-0.09	-1.15
Xu, Ting Hai	0.60	-0.23	2.35	2.55	0.47	2.16	2.38	1.46
MAXIMUM	-2.52	2.10	2.35	2.55	2.16	2.16	2.38	1.68
MINIMUM	-0.08	0.08	0.01	-0.03	0.08	-0.02	-0.09	0.01
RANGE(MAX-MIN)	-2.440	2.019	2.341	2.583	2.080	2.187	2.467	1.665
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 (2013 October 8-10)

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	25.59	35.30	1.01	0.58	3.90	25.30	2.53	0.83	9.00	36.00	0.00	0.00
Clapperty, Leon	25.50	41.53	0.66	0.31	11.01	31.11	1.98	0.63	11.00	44.00	0.00	0.00
Guarda, Waldyr	23.68	27.15	1.15	0.68	13.66	49.00	4.52	1.42	12.00	34.00	0.00	0.00
Hurst, Kevin R.	25.75	41.85	1.46	0.51	13.26	31.75	3.61	1.49	15.00	35.00	0.00	0.00
Kobrinetz, Joaquin J.	25.50	41.85	1.15	0.29	6.72	30.55	1.94	1.29	11.00	55.00	0.00	1.00
Li, Shenghua	23.63	25.75	1.10	0.73	4.83	29.50	3.58	1.40	5.00	68.00	1.00	0.00
Lowsky, John	25.75	35.06	0.88	0.21	3.76	30.25	2.09	0.33	20.00	43.00	0.00	0.00
Parvaz, Ibrar	22.80	26.28	1.21	0.03	4.55	29.15	2.94	2.05	5.00	16.00	0.00	0.00
Rodriguez, Jesus (Jesse)	25.25	39.36	1.26	0.64	10.75	30.25	2.18	0.91	5.00	62.00	0.00	0.00
Seeck, Christian	30.75	43.35	0.51	0.18	7.14	32.29	2.27	0.50	11.00	57.00	0.00	0.00
Seiz, Ray	25.00	25.96	0.67	0.54	11.68	35.85	2.33	1.16	8.00	28.00	0.00	0.00
Thomsen, Sven	25.00	38.83	0.38	0.10	2.75	40.00	1.83	0.90	20.00	81.00	0.00	0.00
Trevino, Bobby	25.00	31.35	0.79	0.31	3.56	29.68	1.95	1.15	9.00	41.00	0.00	0.00
Xu, Ting Hai	30.50	41.83	1.33	0.73	3.30	29.50	2.84	1.40	7.00	40.00	0.00	0.00
MAXIMUM	30.75	43.35	1.46	0.73	13.66	49.00	4.52	2.05	20.00	81.00	1.00	1.00
MINIMUM	22.80	25.75	0.38	0.03	2.75	25.30	1.83	0.33	5.00	16.00	0.00	0.00
RANGE(MAX-MIN)	7.950	17.600	1.080	0.700	10.910	23.700	2.690	1.720	15.000	65.000	1.000	1.000
MEAN	25.693	35.389	0.969	0.417	7.205	32.441	2.614	1.104	10.571	45.714	0.071	0.071
STANDARD DEVIATION	2.272	6.809	0.326	0.241	4.014	5.852	0.799	0.456	4.941	17.162	0.267	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	-0.05	-0.01	0.13	0.68	-0.82	-1.22	-0.10	-0.60	-0.32	-0.57	-0.27	-0.27
Clapperty, Leon	-0.08	0.90	-0.95	-0.45	0.95	-0.23	-0.79	-1.04	0.09	-0.10	-0.27	-0.27
Guarda, Waldyr	-0.89	-1.21	0.56	1.09	1.61	2.83	2.39	0.69	0.29	-0.68	-0.27	-0.27
Hurst, Kevin R.	0.03	0.95	1.51	0.39	1.51	-0.12	1.25	0.85	0.90	-0.62	-0.27	-0.27
Kobrinetz, Joaquin J.	-0.08	0.95	0.56	-0.53	-0.12	-0.32	-0.84	0.41	0.09	0.54	-0.27	3.47
Li, Shenghua	-0.91	-1.42	0.40	1.30	-0.59	-0.50	1.21	0.65	-1.13	1.30	3.47	-0.27
Lowsky, John	0.03	-0.05	-0.27	-0.86	-0.86	-0.37	-0.66	-1.70	1.91	-0.16	-0.27	-0.27
Parvaz, Ibrar	-1.27	-1.34	0.74	-1.61	-0.66	-0.56	0.41	2.07	-1.13	-1.73	-0.27	-0.27
Rodriguez, Jesus (Jesse)	-0.19	0.58	0.89	0.93	0.88	-0.37	-0.54	-0.43	-1.13	0.95	-0.27	-0.27
Seeck, Christian	2.23	1.17	-1.41	-0.99	-0.02	-0.03	-0.43	-1.33	0.09	0.66	-0.27	-0.27
Seiz, Ray	-0.31	-1.38	-0.92	0.51	1.11	0.58	-0.36	0.12	-0.52	-1.03	-0.27	-0.27
Thomsen, Sven	-0.31	0.51	-1.81	-1.32	-1.11	1.29	-0.98	-0.45	1.91	2.06	-0.27	-0.27
Trevino, Bobby	-0.31	-0.59	-0.55	-0.45	-0.91	-0.47	-0.83	0.10	-0.32	-0.27	-0.27	-0.27
Xu, Ting Hai	2.12	0.95	1.11	1.30	-0.97	-0.50	0.28	0.65	-0.72	-0.33	-0.27	-0.27
MAXIMUM	2.23	-1.42	-1.81	-1.61	1.61	2.83	2.39	2.07	1.91	2.06	3.47	3.47
MINIMUM	0.03	-0.01	0.13	0.39	-0.02	-0.03	-0.10	0.10	0.09	-0.10	-0.27	-0.27
RANGE(MAX-MIN)	2.201	-1.403	-1.933	-1.994	1.624	2.856	2.491	1.974	1.821	2.156	3.742	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	1.000	1.000
N SIZE	14.000											

HEAVY DUTY RATING WORKSHOP (2013 October 8-10)

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
Foecking, Brian	38.76	13.06	3.69	8.46	28.46	3.18	1.15
Guarda, Waldyr	65.64	12.62	2.02	12.73	29.94	3.06	2.44
Hurst, Kevin R.	56.25	12.95	2.99	18.30	18.85	5.60	2.46
Li, Shenghua	67.02	11.61	2.55	7.83	21.88	4.71	3.02
Lowsky, John	49.75	9.30	2.65	26.50	22.94	3.72	1.41
Parvaz, Ibrar	47.01	14.26	1.42	20.80	20.34	4.05	1.24
Rodriguez, Jesus (Jesse)	51.75	16.20	2.16	8.90	21.49	2.71	1.98
Seeck, Christian	57.53	13.46	1.64	7.18	18.91	2.59	0.70
Seiz, Ray	53.76	8.56	1.02	12.81	26.42	2.78	2.51
Thomsen, Sven	52.92	10.08	1.21	8.90	27.45	2.75	1.68
Xu, Ting Hai	56.00	14.27	2.24	11.24	23.53	3.50	1.05
MAXIMUM	67.02	16.20	3.69	26.50	29.94	5.60	3.02
MINIMUM	38.76	8.56	1.02	7.18	18.85	2.59	0.70
RANGE(MAX-MIN)	28.260	7.640	2.670	19.320	11.090	3.010	2.320
MEAN	54.217	12.397	2.145	13.059	23.655	3.514	1.785
STANDARD DEVIATION	7.947	2.317	0.804	6.238	3.868	0.951	0.745
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
Foecking, Brian	-1.95	0.29	1.92	-0.74	1.24	-0.35	-0.85
Guarda, Waldyr	1.44	0.10	-0.15	-0.05	1.62	-0.48	0.88
Hurst, Kevin R.	0.26	0.24	1.05	0.84	-1.24	2.19	0.91
Li, Shenghua	1.61	-0.34	0.50	-0.84	-0.46	1.26	1.66
Lowsky, John	-0.56	-1.34	0.63	2.15	-0.19	0.22	-0.50
Parvaz, Ibrar	-0.91	0.80	-0.90	1.24	-0.86	0.56	-0.73
Rodriguez, Jesus (Jesse)	-0.31	1.64	0.02	-0.67	-0.56	-0.84	0.26
Seeck, Christian	0.42	0.46	-0.63	-0.94	-1.23	-0.97	-1.46
Seiz, Ray	-0.06	-1.66	-1.40	-0.04	0.71	-0.77	0.97
Thomsen, Sven	-0.16	-1.00	-1.16	-0.67	0.98	-0.80	-0.14
Xu, Ting Hai	0.22	0.81	0.12	-0.29	-0.03	-0.01	-0.99
MAXIMUM	-1.95	-1.66	1.92	2.15	1.62	2.19	1.66
MINIMUM	-0.06	0.10	0.02	-0.04	-0.03	-0.01	-0.14
RANGE(MAX-MIN)	-1.888	-1.753	1.903	2.194	1.657	2.207	1.800
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 (2013 October 8-10)

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
Aguirre, Nancy P	53.26	10.60	0.56	0.47	18.94	0.70	1.09	53.00
Booth, Jeffrey	60.75	15.72	0.20	0.10	23.93	0.98	1.37	52.00
Foecking, Brian	49.85	10.10	0.00	0.02	25.63	0.15	0.54	50.00
Guarda, Waldyr	60.82	9.03	0.30	0.20	22.93	0.54	0.56	72.00
Hurst, Kevin R.	60.50	10.60	0.25	0.42	18.42	0.53	0.76	60.00
Kobrinetz, Joaquin J.	51.29	11.60	0.06	0.08	20.31	0.22	0.34	50.00
Lauderdale, Ed	57.52	9.89	0.50	0.50	17.81	1.25	1.12	40.00
Li, Shenghua	67.00	9.83	0.20	0.50	19.62	0.40	0.77	80.00
Lowsky, John	43.50	9.46	0.00	0.48	18.55	0.43	0.57	60.00
Parvaz, Ibrar	59.50	11.79	1.00	0.00	34.58	0.54	1.10	35.00
Rodriguez, Jesus (Jesse)	60.75	11.66	0.20	0.20	19.32	0.36	0.52	41.00
Seeck, Christian	65.00	10.18	0.00	0.00	19.25	0.48	0.53	56.00
Seiz, Ray	71.25	10.59	0.20	0.20	47.38	0.52	0.70	59.00
Trevino, Bobby	49.84	9.75	0.28	0.19	21.61	0.50	0.66	55.00
Xu, Ting Hai	63.50	18.87	0.90	0.70	28.43	1.05	1.25	57.50
MAXIMUM	71.25	18.87	1.00	0.70	47.38	1.25	1.37	80.00
MINIMUM	43.50	9.03	0.00	0.00	17.81	0.15	0.34	35.00
RANGE(MAX-MIN)	27.750	9.840	1.000	0.700	29.570	1.100	1.030	45.000
MEAN	58.289	11.311	0.310	0.271	23.781	0.577	0.792	54.700
STANDARD DEVIATION	7.450	2.626	0.308	0.222	7.969	0.303	0.314	11.557
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	L2TOT	L3TOT	L4TOT	TGF
Aguirre, Nancy P	-0.68	-0.27	0.81	0.90	-0.61	0.41	0.95	-0.15
Booth, Jeffrey	0.33	1.68	-0.36	-0.77	0.02	1.33	1.84	-0.23
Foecking, Brian	-1.13	-0.46	-1.01	-1.13	0.23	-1.41	-0.80	-0.41
Guarda, Waldyr	0.34	-0.87	-0.03	-0.32	-0.11	-0.12	-0.74	1.50
Hurst, Kevin R.	0.30	-0.27	-0.19	0.67	-0.67	-0.15	-0.10	0.46
Kobrinetz, Joaquin J.	-0.94	0.11	-0.81	-0.86	-0.44	-1.18	-1.44	-0.41
Lauderdale, Ed	-0.10	-0.54	0.62	1.03	-0.75	2.22	1.05	-1.27
Li, Shenghua	1.17	-0.56	-0.36	1.03	-0.52	-0.58	-0.07	2.19
Lowsky, John	-1.98	-0.70	-1.01	0.94	-0.66	-0.48	-0.71	0.46
Parvaz, Ibrar	0.16	0.18	2.24	-1.22	1.36	-0.12	0.98	-1.70
Rodriguez, Jesus (Jesse)	0.33	0.13	-0.36	-0.32	-0.56	-0.71	-0.87	-1.19
Seeck, Christian	0.90	-0.43	-1.01	-1.22	-0.57	-0.32	-0.84	0.11
Seiz, Ray	1.74	-0.27	-0.36	-0.32	2.96	-0.19	-0.29	0.37
Trevino, Bobby	-1.13	-0.59	-0.10	-0.36	-0.27	-0.25	-0.42	0.03
Xu, Ting Hai	0.70	2.88	1.92	1.93	0.58	1.56	1.46	0.24
MAXIMUM	-1.98	2.88	2.24	1.93	2.96	2.22	1.84	2.19
MINIMUM	-0.10	0.11	-0.03	-0.32	0.02	-0.12	-0.07	0.03
RANGE(MAX-MIN)	-1.882	2.768	2.274	2.249	2.943	2.341	1.914	2.163
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 (2013 October 8-10)

Part ID= B5 - 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	7.58	25.00	2.57	28.42	24.77	5.83	0.19	0.10
Booth, Jeffrey	11.32	25.00	2.86	26.43	24.77	5.05	0.52	0.28
Foecking, Brian	9.99	25.00	2.28	28.02	25.00	4.47	0.31	0.10
Guarda, Waldyr	7.73	85.00	2.26	29.39	25.00	3.80	0.61	0.43
Hurst, Kevin R.	13.38	25.00	2.53	25.69	25.00	4.21	0.19	0.10
Lauderdale, Ed	3.82	25.00	2.98	24.65	24.52	3.90	0.24	0.20
Lowsky, John	16.54	25.00	2.35	35.79	24.76	3.55	0.13	0.00
Parvaz, Ibrar	7.51	25.00	2.74	25.78	25.00	4.00	0.30	0.00
Rodriguez, Jesus (Jesse)	13.42	25.00	2.15	26.79	25.00	3.87	0.24	0.13
Seeck, Christian	8.71	25.00	2.25	25.86	25.00	3.60	0.08	0.00
Seiz, Ray	11.72	26.50	2.26	30.56	25.00	3.81	0.27	0.30
Thomsen, Sven	7.49	79.00	1.69	29.38	23.08	4.55	0.00	0.10
Trevino, Bobby	10.19	25.75	1.86	27.29	25.00	3.56	0.38	0.17
Veiga, Victor	14.14	25.00	1.72	26.80	25.00	3.88	0.20	0.10
Xu, Ting Hai	8.37	25.00	4.15	27.76	25.00	4.00	0.17	0.10
MAXIMUM	16.54	85.00	4.15	35.79	25.00	5.83	0.61	0.43
MINIMUM	3.82	25.00	1.69	24.65	23.08	3.55	0.00	0.00
RANGE(MAX-MIN)	12.720	60.000	2.460	11.140	1.920	2.280	0.610	0.430
MEAN	10.127	32.750	2.443	27.907	24.793	4.139	0.255	0.141
STANDARD DEVIATION	3.312	20.032	0.606	2.714	0.496	0.621	0.158	0.120
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	L2TOT	L3TOT	UCTOT	THIOT	ATTOT
Arrizon, Richard	-0.77	-0.39	0.21	0.19	-0.05	2.72	-0.41	-0.34
Booth, Jeffrey	0.36	-0.39	0.69	-0.54	-0.05	1.47	1.68	1.16
Foecking, Brian	-0.04	-0.39	-0.27	0.04	0.42	0.53	0.35	-0.34
Guarda, Waldyr	-0.72	2.61	-0.30	0.55	0.42	-0.55	2.25	2.41
Hurst, Kevin R.	0.98	-0.39	0.14	-0.82	0.42	0.11	-0.41	-0.34
Lauderdale, Ed	-1.90	-0.39	0.89	-1.20	-0.55	-0.38	-0.10	0.49
Lowsky, John	1.94	-0.39	-0.15	2.90	-0.07	-0.95	-0.80	-1.17
Parvaz, Ibrar	-0.79	-0.39	0.49	-0.78	0.42	-0.22	0.28	-1.17
Rodriguez, Jesus (Jesse)	0.99	-0.39	-0.48	-0.41	0.42	-0.43	-0.10	-0.09
Seeck, Christian	-0.43	-0.39	-0.32	-0.75	0.42	-0.87	-1.11	-1.17
Seiz, Ray	0.48	-0.31	-0.30	0.98	0.42	-0.53	0.09	1.33
Thomsen, Sven	-0.80	2.31	-1.24	0.54	-3.46	0.66	-1.62	-0.34
Trevino, Bobby	0.02	-0.35	-0.96	-0.23	0.42	-0.93	0.79	0.24
Veiga, Victor	1.21	-0.39	-1.19	-0.41	0.42	-0.42	-0.35	-0.34
Xu, Ting Hai	-0.53	-0.39	2.82	-0.05	0.42	-0.22	-0.54	-0.34
MAXIMUM	1.94	2.61	2.82	2.90	-3.46	2.72	2.25	2.41
MINIMUM	0.02	-0.31	0.14	0.04	-0.05	0.11	0.09	-0.09
RANGE(MAX-MIN)	1.917	2.920	2.673	2.863	-3.410	2.608	2.158	2.496
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 (2013 October 8-10)

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
Arrizon, Richard	7.58	25.00	2.57	28.42	24.77	5.83	0.19	0.10
Booth, Jeffrey	11.32	25.00	2.86	26.43	24.77	5.05	0.52	0.28
Foecking, Brian	9.99	25.00	2.28	28.02	25.00	4.47	0.31	0.10
Guarda, Waldyr	7.73	85.00	2.26	29.39	25.00	3.80	0.61	0.43
Hurst, Kevin R.	13.38	25.00	2.53	25.69	25.00	4.21	0.19	0.10
Lauderdale, Ed	3.82	25.00	2.98	24.65	24.52	3.55	0.24	0.20
Lowsky, John	16.54	25.00	2.35	35.79	24.76	3.55	0.13	0.00
Parvaz, lbrar	7.51	25.00	2.74	25.78	25.00	4.00	0.30	0.00
Rodriguez, Jesus (Jesse)	13.42	25.00	2.15	26.79	25.00	3.87	0.24	0.13
Seeck, Christian	8.71	25.00	2.25	25.86	25.00	3.60	0.08	0.00
Seiz, Ray	11.72	26.50	2.26	30.56	25.00	3.81	0.27	0.30
Trevino, Bobby	10.19	25.75	1.86	27.29	25.00	3.56	0.38	0.17
Veiga, Victor	14.14	25.00	1.72	26.80	25.00	3.88	0.20	0.10
Xu, Ting Hai	8.37	25.00	4.15	27.76	25.00	4.00	0.17	0.10
MAXIMUM	16.54	85.00	4.15	35.79	25.00	5.83	0.61	0.43
MINIMUM	3.82	25.00	1.72	24.65	24.52	3.55	0.08	0.00
RANGE(MAX-MIN)	12.720	60.000	2.430	11.140	0.480	2.280	0.530	0.430
MEAN	10.316	29.446	2.497	27.802	24.916	4.109	0.274	0.144
STANDARD DEVIATION	3.352	15.995	0.591	2.785	0.150	0.634	0.146	0.124
N SIZE	14.000							

Part ID= B5 - SEQUENCE III

B5 YI Values

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

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	UCTOT	THTOT	ATTOT
Arrizon, Richard	-0.82	-0.28	0.12	0.22	-0.97	2.71	-0.57	-0.35
Booth, Jeffrey	0.30	-0.28	0.61	-0.49	-0.97	1.48	1.69	1.10
Foecking, Brian	-0.10	-0.28	-0.37	0.08	0.56	0.57	0.25	-0.35
Guarda, Waldyr	-0.77	3.47	-0.40	0.57	0.56	-0.49	2.30	2.31
Hurst, Kevin R.	0.91	-0.28	0.06	-0.76	0.56	0.16	-0.57	-0.35
Lauderdale, Ed	-1.94	-0.28	0.82	-1.13	-2.63	-0.33	-0.23	0.45
Lowsky, John	1.86	-0.28	-0.25	2.87	-1.03	-0.88	-0.98	-1.16
Parvaz, lbrar	-0.84	-0.28	0.41	-0.73	0.56	-0.17	0.18	-1.16
Rodriguez, Jesus (Jesse)	0.93	-0.28	-0.59	-0.36	0.56	-0.38	-0.23	-0.11
Seeck, Christian	-0.48	-0.28	-0.42	-0.70	0.56	-0.80	-1.32	-1.16
Seiz, Ray	0.42	-0.18	-0.40	0.99	0.56	-0.47	-0.02	1.26
Trevino, Bobby	-0.04	-0.23	-1.08	-0.18	0.56	-0.87	0.73	0.21
Veiga, Victor	1.14	-0.28	-1.32	-0.36	0.56	-0.36	-0.50	-0.35
Xu, Ting Hai	-0.58	-0.28	2.80	-0.02	0.56	-0.17	-0.71	-0.35
MAXIMUM	-1.94	3.47	2.80	2.87	-2.63	2.71	2.30	2.31
MINIMUM	-0.04	-0.18	0.06	-0.02	0.56	0.16	-0.02	-0.11
RANGE(MAX-MIN)	-1.900	3.657	2.743	2.884	-3.190	2.556	2.326	2.416
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 (2013 October 8-10)

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
Clapperty, Leon	49.05	19.71	1.30	6.40	36.46	10.08	2.13	0.85	69.00	20.00	21.00	3.00
Foecking, Brian	36.55	21.21	3.65	16.75	32.29	9.70	3.13	1.29	44.00	14.00	12.00	3.00
Guarda, Waldyr	65.00	22.21	1.66	5.10	58.23	13.06	3.64	1.43	76.00	29.00	46.00	9.00
Hurst, Kevin R.	36.55	17.98	2.11	17.93	35.05	12.36	4.43	1.44	34.00	14.00	15.00	0.00
Lauderdale, Ed	31.65	17.63	2.44	7.50	38.56	8.18	2.82	1.63	36.00	20.00	20.00	0.00
Li, Shenghua	53.60	18.24	2.09	21.15	24.95	12.30	4.50	2.58	46.00	9.00	3.00	37.00
Lowsky, John	26.78	17.29	2.57	21.93	40.36	10.34	4.16	1.70	41.00	24.00	24.00	32.00
Parvaz, Ibrar	40.52	19.06	1.24	19.75	25.30	10.23	3.14	1.75	15.00	8.00	2.00	5.00
Rodriguez, Jesus (Jesse)	41.75	19.96	1.75	10.62	24.93	11.19	2.85	1.45	32.00	22.00	2.00	23.00
Seeck, Christian	52.78	20.40	1.34	9.92	55.79	9.07	2.28	0.80	51.00	14.00	42.00	0.00
Seiz, Ray	38.09	20.94	1.52	10.28	50.57	13.27	4.69	2.26	18.00	9.00	36.00	6.00
Xu, Ting Hai	54.50	19.47	4.75	14.94	24.20	9.62	3.60	1.45	40.00	5.00	2.00	33.00
MAXIMUM	65.00	22.21	4.75	21.93	58.23	13.27	4.69	2.58	76.00	29.00	46.00	37.00
MINIMUM	26.78	17.29	1.24	5.10	24.20	8.18	2.13	0.80	15.00	5.00	2.00	0.00
RANGE(MAX-MIN)	38.220	4.920	3.510	16.830	34.030	5.090	2.560	1.780	61.000	24.000	44.000	37.000
MEAN	43.902	19.508	2.202	13.523	37.224	10.783	3.448	1.553	41.833	15.667	18.750	12.583
STANDARD DEVIATION	11.111	1.534	1.055	5.949	12.132	1.639	0.865	0.505	17.827	7.353	15.852	14.368
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
Clapperty, Leon	0.46	0.13	-0.85	-1.20	-0.06	-0.43	-1.52	-1.39	1.52	0.59	0.14	-0.67
Foecking, Brian	-0.66	1.11	1.37	0.54	-0.41	-0.66	-0.37	-0.52	0.12	-0.23	-0.43	-0.67
Guarda, Waldyr	1.90	1.76	-0.51	-1.42	1.73	1.39	0.22	-0.24	1.92	1.81	1.72	-0.25
Hurst, Kevin R.	-0.66	-1.00	-0.09	0.74	-0.18	0.96	1.14	-0.22	-0.44	-0.23	-0.24	-0.88
Lauderdale, Ed	-1.10	-1.22	0.23	-1.01	0.11	-1.59	-0.73	0.15	-0.33	0.59	0.08	-0.88
Li, Shenghua	0.87	-0.83	-0.11	1.28	-1.01	0.93	1.22	2.04	0.23	-0.91	-0.99	1.70
Lowsky, John	-1.54	-1.45	0.35	1.41	0.26	-0.27	0.82	0.29	-0.05	1.13	0.33	1.35
Parvaz, Ibrar	-0.30	-0.29	-0.91	1.05	-0.98	-0.34	-0.36	0.39	-1.51	-1.04	-1.06	-0.53
Rodriguez, Jesus (Jesse)	-0.19	0.29	-0.43	-0.49	-1.01	0.25	-0.69	-0.20	-0.55	0.86	-1.06	0.73
Seeck, Christian	0.80	0.58	-0.82	-0.61	1.53	-1.05	-1.35	-1.49	0.51	-0.23	1.47	-0.88
Seiz, Ray	-0.52	0.93	-0.65	-0.55	1.10	1.52	1.44	1.40	-1.34	-0.91	1.09	-0.46
Xu, Ting Hai	0.95	-0.03	2.42	0.24	-1.07	-0.71	0.18	-0.20	-0.10	-1.45	-1.06	1.42
MAXIMUM	1.90	1.76	2.42	-1.42	1.73	-1.59	-1.52	2.04	1.92	1.81	1.72	1.70
MINIMUM	-0.19	-0.03	-0.09	0.24	-0.06	0.25	0.18	0.15	-0.05	-0.23	0.08	-0.25
RANGE(MAX-MIN)	2.092	1.786	2.502	-1.654	1.795	-1.836	-1.700	1.883	1.963	2.040	1.640	1.949
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 (2013 October 8-10)

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
Arrizon, Richard	5.47	27.25	1.63	36.25	22.59	5.94	0.53	0.53
Booth, Jeffrey	7.67	27.25	2.32	40.75	22.31	5.48	0.55	0.55
Guarda, Waldyr	7.00	25.00	1.34	35.50	22.41	4.88	0.48	0.57
Hurst, Kevin R.	9.36	25.75	1.55	37.00	23.10	5.65	0.11	0.11
Kraemer, Vernon	9.18	25.00	2.12	39.31	22.80	4.39	0.66	0.34
Lauderdale, Ed	6.04	25.75	2.03	28.75	22.20	5.82	0.20	0.20
Lowsky, John	7.00	25.00	1.49	36.25	22.00	4.43	0.04	0.03
Parvaz, Ibrar	10.39	25.00	1.38	46.00	22.67	4.80	0.85	0.05
Rodriguez, Jesus (Jesse)	8.78	25.00	1.48	27.25	22.57	5.80	0.23	0.14
Seeck, Christian	6.64	25.00	1.08	26.50	22.02	4.70	0.07	0.03
Seiz, Ray	7.82	34.75	1.61	43.00	21.49	4.81	0.41	0.25
Trevino, Bobby	7.54	25.00	1.57	33.25	22.05	4.71	0.34	0.25
Veiga, Victor	8.14	25.00	1.01	37.75	22.70	4.98	0.12	0.13
MAXIMUM	10.39	34.75	2.32	46.00	23.10	5.94	0.85	0.57
MINIMUM	5.47	25.00	1.01	26.50	21.49	4.39	0.04	0.03
RANGE(MAX-MIN)	4.920	9.750	1.310	19.500	1.610	1.550	0.810	0.540
MEAN	7.772	26.212	1.585	35.966	22.378	5.107	0.353	0.245
STANDARD DEVIATION	1.395	2.696	0.380	5.873	0.426	0.552	0.252	0.197
N SIZE	13.000							

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
Arrizon, Richard	-1.65	0.39	0.12	0.05	0.50	1.51	0.70	1.45
Booth, Jeffrey	-0.07	0.39	1.93	0.81	-0.16	0.68	0.78	1.55
Guarda, Waldyr	-0.55	-0.45	-0.65	-0.08	0.08	-0.41	0.50	1.65
Hurst, Kevin R.	1.14	-0.17	-0.09	0.18	1.70	0.98	-0.97	-0.68
Kraemer, Vernon	1.01	-0.45	1.41	0.57	0.99	-1.30	1.22	0.49
Lauderdale, Ed	-1.24	-0.17	1.17	-1.23	-0.42	1.29	-0.61	-0.23
Lowsky, John	-0.55	-0.45	-0.25	0.05	-0.89	-1.23	-1.24	-1.09
Parvaz, Ibrar	1.88	-0.45	-0.54	1.71	0.69	-0.56	1.97	-0.99
Rodriguez, Jesus (Jesse)	0.72	-0.45	-0.28	-1.48	0.45	1.25	-0.49	-0.53
Seeck, Christian	-0.81	-0.45	-1.33	-1.61	-0.84	-0.74	-1.12	-1.09
Seiz, Ray	0.03	3.17	0.06	1.20	-2.09	-0.54	0.23	0.03
Trevino, Bobby	-0.17	-0.45	-0.04	-0.46	-0.77	-0.72	-0.05	0.03
Veiga, Victor	0.26	-0.45	-1.51	0.30	0.76	-0.23	-0.93	-0.58
MAXIMUM	1.88	3.17	1.93	1.71	-2.09	1.51	1.97	1.65
MINIMUM	0.03	-0.17	-0.04	0.05	0.08	-0.23	-0.05	0.03
RANGE(MAX-MIN)	1.843	3.338	1.972	1.660	-2.161	1.738	2.025	1.628
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 (2013 October 8-10)

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
Arrizon, Richard	5.47	27.25	1.63	36.25	22.59	5.94	0.53	0.53
Booth, Jeffrey	7.67	27.25	2.32	40.75	22.31	5.48	0.55	0.55
Guarda, Waldyr	7.00	25.00	1.34	35.50	22.41	4.88	0.48	0.57
Hurst, Kevin R.	9.36	25.75	1.55	37.00	23.10	5.65	0.11	0.11
Kraemer, Vernon	9.18	25.00	2.12	39.31	22.80	4.39	0.66	0.34
Lauderdale, Ed	6.04	25.75	2.03	28.75	22.20	5.82	0.20	0.20
Lowsky, John	7.00	25.00	1.49	36.25	22.00	4.43	0.04	0.03
Parvaz, Ibrar	10.39	25.00	1.38	46.00	22.67	4.80	0.85	0.05
Rodriguez, Jesus (Jesse)	8.78	25.00	1.48	27.25	22.57	5.80	0.23	0.14
Seeck, Christian	6.64	25.00	1.08	26.50	22.02	4.70	0.07	0.03
Trevino, Bobby	7.54	25.00	1.57	33.25	22.05	4.71	0.34	0.25
Veiga, Victor	8.14	25.00	1.01	37.75	22.70	4.98	0.12	0.13
MAXIMUM	10.39	27.25	2.32	46.00	23.10	5.94	0.85	0.57
MINIMUM	5.47	25.00	1.01	26.50	22.00	4.39	0.04	0.03
RANGE(MAX-MIN)	4.920	2.250	1.310	19.500	1.100	1.550	0.810	0.540
MEAN	7.768	25.500	1.583	35.380	22.452	5.132	0.348	0.244
STANDARD DEVIATION	1.457	0.866	0.397	5.723	0.347	0.569	0.262	0.205
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
Arrizon, Richard	-1.58	2.02	0.12	0.15	0.40	1.42	0.69	1.39
Booth, Jeffrey	-0.07	2.02	1.85	0.94	-0.41	0.61	0.77	1.49
Guarda, Waldyr	-0.53	-0.58	-0.61	0.02	-0.12	-0.44	0.50	1.59
Hurst, Kevin R.	1.09	0.29	-0.08	0.28	1.87	0.91	-0.91	-0.65
Kraemer, Vernon	0.97	-0.58	1.35	0.69	1.01	-1.30	1.19	0.47
Lauderdale, Ed	-1.19	0.29	1.12	-1.16	-0.73	1.21	-0.57	-0.22
Lowsky, John	-0.53	-0.58	-0.24	0.15	-1.30	-1.23	-1.18	-1.04
Parvaz, Ibrar	1.80	-0.58	-0.51	1.86	0.63	-0.58	1.91	-0.95
Rodriguez, Jesus (Jesse)	0.70	-0.58	-0.26	-1.42	0.34	1.17	-0.45	-0.51
Seeck, Christian	-0.77	-0.58	-1.27	-1.55	-1.25	-0.76	-1.06	-1.04
Trevino, Bobby	-0.16	-0.58	-0.03	-0.37	-1.16	-0.74	-0.03	0.03
Veiga, Victor	0.26	-0.58	-1.44	0.41	0.72	-0.27	-0.87	-0.56
MAXIMUM	1.80	2.02	1.85	1.86	1.87	1.42	1.91	1.59
MINIMUM	-0.07	0.29	-0.03	0.02	-0.12	-0.27	-0.03	0.03
RANGE(MAX-MIN)	1.867	1.732	1.888	1.835	1.991	1.686	1.944	1.558
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	12.000							

HEAVY DUTY RATING WORKSHOP (2013 October 8-10)

Part ID= B8 - 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	19.17	58.00	1.61	23.87	25.52	7.54	1.03	0.40
Arrizon, Richard	20.87	67.00	2.13	63.00	33.78	7.70	1.39	0.29
Booth, Jeffrey	44.51	77.50	2.23	59.76	29.04	7.20	3.10	1.30
Foecking, Brian	29.32	76.75	1.55	64.17	28.00	8.04	1.75	0.41
Guarda, Waldyr	33.33	72.25	1.19	67.56	27.25	6.59	1.57	0.61
Hurst, Kevin R.	24.15	67.75	2.22	58.94	25.00	7.45	0.80	0.29
Lauderdale, Ed	19.73	76.75	2.33	36.05	26.50	6.64	1.50	0.56
Lowsky, John	21.55	67.00	1.55	66.56	26.02	6.71	1.24	0.50
Parvaz, Ibrar	19.48	43.00	1.87	23.97	24.76	1.10	0.20	5.45
Rodriguez, Jesus (Jesse)	20.34	72.25	1.48	59.85	34.00	7.12	1.05	0.46
Seeck, Christian	19.06	62.50	1.74	66.37	33.85	5.85	1.00	0.18
Seiz, Ray	45.80	77.50	1.30	69.49	31.27	7.13	2.40	0.81
Trevino, Bobby	19.79	52.00	1.38	38.42	26.27	6.60	1.01	0.39
MAXIMUM	45.80	77.50	2.33	69.49	34.00	8.04	3.10	5.45
MINIMUM	19.06	43.00	1.19	23.87	24.76	1.10	0.20	0.18
RANGE(MAX-MIN)	26.740	34.500	1.140	45.620	9.240	6.940	2.900	5.270
MEAN	25.931	66.942	1.737	53.693	28.558	6.590	1.388	0.896
STANDARD DEVIATION	9.557	10.679	0.384	16.793	3.497	1.747	0.733	1.398
N SIZE	13.000							

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	THTOT	ATTOT
Aguirre, Nancy P	-0.71	-0.84	-0.33	-1.78	-0.87	0.54	-0.49	-0.36
Arrizon, Richard	-0.53	0.01	1.02	0.55	1.49	0.64	0.00	-0.43
Booth, Jeffrey	1.94	0.99	1.28	0.36	0.14	0.35	2.34	0.29
Foecking, Brian	0.35	0.92	-0.49	0.62	-0.16	0.83	0.49	-0.35
Guarda, Waldyr	0.77	0.50	-1.42	0.83	-0.37	0.00	0.25	-0.20
Hurst, Kevin R.	-0.19	0.08	1.26	0.31	-1.02	0.49	-0.80	-0.43
Lauderdale, Ed	-0.65	0.92	1.54	-1.05	-0.59	0.03	0.15	-0.24
Lowsky, John	-0.46	0.01	-0.49	0.77	-0.73	0.07	-0.20	-0.28
Parvaz, Ibrar	-0.68	-2.24	0.35	-1.77	-1.09	-3.14	-1.62	3.26
Rodriguez, Jesus (Jesse)	-0.59	0.50	-0.67	0.37	1.56	0.30	-0.46	-0.31
Seeck, Christian	-0.72	-0.42	0.01	0.75	1.51	-0.42	-0.53	-0.51
Seiz, Ray	2.08	0.99	-1.14	0.94	0.78	0.31	1.38	-0.06
Trevino, Bobby	-0.64	-1.40	-0.93	-0.91	-0.65	0.01	-0.52	-0.36
MAXIMUM	2.08	-2.24	1.54	-1.78	1.56	-3.14	2.34	3.26
MINIMUM	-0.19	0.01	0.01	0.31	0.14	0.00	0.00	-0.06
RANGE(MAX-MIN)	2.265	-2.247	1.536	-2.088	1.419	-3.142	2.333	3.320
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 (2013 October 8-10)

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	
Aguirre, Nancy P	19.17	58.00	1.61	23.87	25.52	7.54	1.03	0.40	
Arrizon, Richard	20.87	67.00	2.13	63.00	33.78	7.70	1.39	0.29	
Booth, Jeffrey	44.51	77.50	2.23	59.76	29.04	7.20	3.10	1.30	
Foeking, Brian	29.32	76.75	1.55	64.17	28.00	8.04	1.75	0.41	
Guarda, Waldyr	33.33	72.25	1.19	67.56	27.25	6.59	1.57	0.61	
Hurst, Kevin R.	24.15	67.75	2.22	58.94	25.00	7.45	0.80	0.29	
Lauderdale, Ed	19.73	76.75	2.33	36.05	26.50	6.64	1.50	0.56	
Lowsky, John	21.55	67.00	1.55	66.56	26.02	6.71	1.24	0.50	
Rodriguez, Jesus (Jesse)	20.34	72.25	1.48	59.85	34.00	7.12	1.05	0.46	
Seeck, Christian	19.06	62.50	1.74	66.37	33.85	5.85	1.00	0.18	
Seiz, Ray	45.80	77.50	1.30	69.49	31.27	7.13	2.40	0.81	
Trevino, Bobby	19.79	52.00	1.38	38.42	26.27	6.60	1.01	0.39	
MAXIMUM	45.80	77.50	2.33	69.49	34.00	8.04	3.10	1.30	
MINIMUM	19.06	52.00	1.19	23.87	25.00	5.85	0.80	0.18	
RANGE(MAX-MIN)	26.740	25.500	1.140	45.620	9.000	2.190	2.300	1.120	
MEAN	26.468	68.938	1.726	56.170	28.875	7.048	1.487	0.517	
STANDARD DEVIATION	9.775	8.244	0.399	14.854	3.452	0.601	0.669	0.297	
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	
Aguirre, Nancy P	-0.75	-1.33	-0.29	-2.17	-0.97	0.82	-0.68	-0.39	
Arrizon, Richard	-0.57	-0.24	1.01	0.46	1.42	1.09	-0.14	-0.76	
Booth, Jeffrey	1.85	1.04	1.26	0.24	0.05	0.25	2.41	2.64	
Foeking, Brian	0.29	0.95	-0.44	0.54	-0.25	1.65	0.39	-0.36	
Guarda, Waldyr	0.70	0.40	-1.34	0.77	-0.47	-0.76	0.12	0.31	
Hurst, Kevin R.	-0.24	-0.14	1.24	0.19	-1.12	0.67	-1.03	-0.76	
Lauderdale, Ed	-0.69	0.95	1.51	-1.35	-0.69	-0.68	0.02	0.15	
Lowsky, John	-0.50	-0.24	-0.44	0.70	-0.83	-0.56	-0.37	-0.06	
Rodriguez, Jesus (Jesse)	-0.63	0.40	-0.62	0.25	1.48	0.12	-0.65	-0.19	
Seeck, Christian	-0.76	-0.78	0.04	0.69	1.44	-1.99	-0.73	-1.13	
Seiz, Ray	1.98	1.04	-1.07	0.90	0.69	0.14	1.37	0.99	
Trevino, Bobby	-0.68	-2.05	-0.87	-1.20	-0.75	-0.74	-0.71	-0.43	
MAXIMUM	1.98	-2.05	1.51	-2.17	1.48	-1.99	2.41	2.64	
MINIMUM	-0.24	-0.14	0.04	0.19	0.05	0.12	0.02	-0.06	
RANGE(MAX-MIN)	2.215	-1.911	1.479	-2.361	1.437	-2.113	2.393	2.693	
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 (2013 October 8-10)

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
Avis, Steven	8.60	2.90	0.60	0.05	10.73	0.71	0.37	2.00
Broff, Andy	6.51	2.58	0.15	0.00	11.53	1.15	0.35	10.00
Castillo, George	9.19	2.97	0.22	0.02	8.99	1.24	0.52	3.00
Clapperty, Leon	7.65	2.13	0.14	0.19	7.87	0.62	0.45	2.00
Clare, Jamie	7.96	2.25	0.74	0.18	6.42	0.92	0.66	8.00
Forster, Michael	10.21	3.51	0.50	0.00	12.28	1.93	1.03	10.00
Gutzwiller, Jim	11.21	4.18	1.23	0.40	11.10	2.02	1.45	2.00
Jadulal, Vishnu	94.00	1.90	1.00	1.00	23.18	1.57	1.05	94.00
Kraemer, Vernon	5.90	1.95	0.60	0.28	12.14	1.30	0.44	12.00
Lonsway, Chris	10.58	3.35	0.25	0.05	7.31	1.21	0.25	4.00
May, Marianne	12.92	3.12	0.21	0.02	11.25	1.04	0.43	2.00
Pitta, Jimmy	10.35	3.59	0.36	0.10	10.48	1.04	0.44	10.00
Sanchez, Arthur	5.27	1.59	0.50	0.20	9.96	0.61	0.51	1.00
Seeck, Christian	10.55	2.75	0.43	0.00	11.21	0.32	0.55	6.00
Terrado, Ken	10.15	2.95	0.43	0.05	6.59	0.84	0.36	7.00
Thomsen, Sven	10.02	3.37	0.10	0.00	7.01	0.92	0.20	3.00
Veiga, Victor	7.66	3.57	0.22	0.10	12.33	0.78	0.46	6.00
Zalewski, John	11.35	3.80	0.14	0.00	11.08	0.46	0.33	5.00
MAXIMUM	94.00	4.18	1.23	1.00	23.18	2.02	1.45	94.00
MINIMUM	5.27	1.59	0.10	0.00	6.42	0.32	0.20	1.00
RANGE(MAX-MIN)	88.730	2.590	1.130	1.000	16.760	1.700	1.250	93.000
MEAN	13.893	2.914	0.434	0.147	10.637	1.038	0.547	10.389
STANDARD DEVIATION	20.095	0.727	0.312	0.241	3.728	0.463	0.319	21.141
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
Avis, Steven	-0.26	-0.02	0.53	-0.40	0.03	-0.71	-0.56	-0.40
Broff, Andy	-0.37	-0.46	-0.91	-0.61	0.24	0.24	-0.62	-0.02
Castillo, George	-0.23	0.08	-0.69	-0.53	-0.44	0.44	-0.09	-0.35
Clapperty, Leon	-0.31	-1.08	-0.94	0.18	-0.74	-0.90	-0.30	-0.40
Clare, Jamie	-0.30	-0.91	0.98	0.14	-1.13	-0.25	0.35	-0.11
Forster, Michael	-0.18	0.82	0.21	-0.61	0.44	1.93	1.51	-0.02
Gutzwiller, Jim	-0.13	1.74	2.55	1.05	0.12	2.12	2.83	-0.40
Jadulal, Vishnu	3.99	-1.40	1.81	3.54	3.36	1.15	1.58	3.95
Kraemer, Vernon	-0.40	-1.33	0.53	0.55	0.40	0.57	-0.34	0.08
Lonsway, Chris	-0.16	0.60	-0.59	-0.40	-0.89	0.37	-0.93	-0.30
May, Marianne	-0.05	0.28	-0.72	-0.53	0.16	0.00	-0.37	-0.40
Pitta, Jimmy	-0.18	0.93	-0.24	-0.19	-0.04	0.00	-0.34	-0.02
Sanchez, Arthur	-0.43	-1.82	0.21	0.22	-0.18	-0.92	-0.12	-0.44
Seeck, Christian	-0.17	-0.23	-0.01	-0.61	0.15	-1.55	0.01	-0.21
Terrado, Ken	-0.19	0.05	-0.01	-0.40	-1.09	-0.43	-0.59	-0.16
Thomsen, Sven	-0.19	0.63	-1.07	-0.61	-0.97	-0.25	-1.09	-0.35
Veiga, Victor	-0.31	0.90	-0.69	-0.19	0.45	-0.56	-0.27	-0.21
Zalewski, John	-0.13	1.22	-0.94	-0.61	0.12	-1.25	-0.68	-0.25
MAXIMUM	3.99	-1.82	2.55	3.54	3.36	2.12	2.83	3.95
MINIMUM	-0.05	-0.02	-0.01	0.14	0.03	0.00	0.01	-0.02
RANGE(MAX-MIN)	4.035	-1.802	2.562	3.401	3.339	2.117	2.821	3.973
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 (2013 October 8-10)

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
Avis, Steven	8.60	2.90	0.60	0.05	10.73	0.71	0.37	2.00
Broff, Andy	6.51	2.58	0.15	0.00	11.53	1.15	0.35	10.00
Castillo, George	9.19	2.97	0.22	0.02	8.99	1.24	0.52	3.00
Clapperty, Leon	7.65	2.13	0.14	0.19	7.87	0.62	0.45	2.00
Clare, Jamie	7.96	2.25	0.74	0.18	6.42	0.92	0.66	8.00
Forster, Michael	10.21	3.51	0.50	0.00	12.28	1.93	1.03	10.00
Gutzwiller, Jim	11.21	4.18	1.23	0.40	11.10	2.02	1.45	2.00
Kraemer, Vernon	5.90	1.95	0.60	0.28	12.14	1.30	0.44	12.00
Lonsway, Chris	10.58	3.35	0.25	0.05	7.31	1.21	0.25	4.00
May, Marianne	12.92	3.12	0.21	0.02	11.25	1.04	0.43	2.00
Pitta, Jimmy	10.35	3.59	0.36	0.10	10.48	1.04	0.44	10.00
Sanchez, Arthur	5.27	1.59	0.50	0.20	9.96	0.61	0.51	1.00
Seeck, Christian	10.55	2.75	0.43	0.00	11.21	0.32	0.55	6.00
Terrado, Ken	10.15	2.95	0.43	0.05	6.59	0.84	0.36	7.00
Thomsen, Sven	10.02	3.37	0.10	0.00	7.01	0.92	0.20	3.00
Veiga, Victor	7.66	3.57	0.22	0.10	12.33	0.78	0.46	6.00
Zalewski, John	11.35	3.80	0.14	0.00	11.08	0.46	0.33	5.00
MAXIMUM	12.92	4.18	1.23	0.40	12.33	2.02	1.45	12.00
MINIMUM	5.27	1.59	0.10	0.00	6.42	0.32	0.20	1.00
RANGE(MAX-MIN)	7.650	2.590	1.130	0.400	5.910	1.700	1.250	11.000
MEAN	9.181	2.974	0.401	0.096	9.899	1.006	0.518	5.471
STANDARD DEVIATION	2.097	0.702	0.287	0.116	2.087	0.457	0.302	3.502
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
Avis, Steven	-0.28	-0.11	0.69	-0.40	0.40	-0.65	-0.49	-0.99
Broff, Andy	-1.27	-0.56	-0.87	-0.83	0.78	0.31	-0.55	1.29
Castillo, George	0.00	-0.01	-0.63	-0.66	-0.44	0.51	0.01	-0.71
Clapperty, Leon	-0.73	-1.20	-0.91	0.80	-0.97	-0.85	-0.22	-0.99
Clare, Jamie	-0.58	-1.03	1.18	0.72	-1.67	-0.19	0.47	0.72
Forster, Michael	0.49	0.76	0.34	-0.83	1.14	2.02	1.69	1.29
Gutzwiller, Jim	0.97	1.72	2.89	2.61	0.58	2.22	3.08	-0.99
Kraemer, Vernon	-1.56	-1.46	0.69	1.58	1.07	0.64	-0.26	1.86
Lonsway, Chris	0.67	0.54	-0.53	-0.40	-1.24	0.45	-0.89	-0.42
May, Marianne	1.78	0.21	-0.67	-0.66	0.65	0.07	-0.29	-0.99
Pitta, Jimmy	0.56	0.88	-0.14	0.03	0.28	0.07	-0.26	1.29
Sanchez, Arthur	-1.86	-1.97	0.34	0.89	0.03	-0.87	-0.03	-1.28
Seeck, Christian	0.65	-0.32	0.10	-0.83	0.63	-1.50	0.11	0.15
Terrado, Ken	0.46	-0.03	0.10	-0.40	-1.59	-0.36	-0.52	0.44
Thomsen, Sven	0.40	0.56	-1.05	-0.83	-1.38	-0.19	-1.05	-0.71
Veiga, Victor	-0.73	0.85	-0.63	0.03	1.16	-0.50	-0.19	0.15
Zalewski, John	1.03	1.18	-0.91	-0.83	0.57	-1.20	-0.62	-0.13
MAXIMUM	-1.86	-1.97	2.89	2.61	-1.67	2.22	3.08	1.86
MINIMUM	0.00	-0.01	0.10	0.03	0.03	0.07	0.01	-0.13
RANGE(MAX-MIN)	-1.869	-1.965	2.786	2.576	-1.696	2.144	3.075	1.999
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 (2013 October 8-10)

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
Avis, Steven	25.00	29.50	0.56	0.15	5.80	48.31	0.50	0.86	8.00	35.00	1.00	0.00
Broff, Andy	14.75	23.40	0.35	0.10	8.82	76.54	0.60	0.95	4.00	70.00	5.00	5.00
Castillo, George	26.75	30.25	1.18	0.53	7.13	37.40	0.56	0.68	10.00	36.00	2.00	3.00
Clare, Jamie	33.50	32.50	1.52	0.72	9.14	39.64	1.52	1.68	40.00	40.00	3.00	0.00
Forster, Michael	30.50	42.25	0.39	0.49	8.45	40.27	0.54	1.10	30.00	45.00	4.00	0.00
Gutzwiller, Jim	29.73	37.00	0.98	0.20	8.44	58.30	1.08	0.70	0.00	52.00	2.00	0.00
Jadulal, Vishnu	36.00	35.50	1.00	1.00	9.62	65.50	1.30	1.70	70.00	90.00	3.00	0.50
Lonsway, Chris	25.00	30.25	0.25	0.10	7.17	34.64	0.38	0.64	10.00	43.00	2.00	4.00
May, Marianne	25.00	30.25	0.34	0.12	7.82	38.98	0.40	0.94	7.00	34.00	2.00	2.00
Pitta, Jimmy	30.25	33.25	0.31	0.04	12.54	45.20	0.36	1.12	20.00	50.00	3.00	0.00
Sanchez, Arthur	25.50	32.50	0.32	0.23	7.60	46.78	0.36	0.69	8.00	25.00	2.00	0.00
Seeck, Christian	37.25	28.00	0.20	0.02	6.24	54.95	0.12	0.85	20.00	45.00	2.00	0.00
Seiz, Ray	25.03	42.25	0.34	0.20	13.64	49.70	0.51	1.44	4.00	48.00	3.00	0.00
Veiga, Victor	36.75	30.25	0.88	0.26	9.51	43.82	0.85	1.07	38.00	25.00	0.00	0.00
Zalewski, John	24.75	37.75	0.22	0.07	9.81	51.61	0.20	0.50	6.00	38.00	3.00	0.00
MAXIMUM	37.25	42.25	1.52	1.00	13.64	76.54	1.52	1.70	70.00	90.00	5.00	5.00
MINIMUM	14.75	23.40	0.20	0.02	5.80	34.64	0.12	0.50	0.00	25.00	0.00	0.00
RANGE(MAX-MIN)	22.500	18.850	1.320	0.980	7.840	41.900	1.400	1.200	70.000	65.000	5.000	5.000
MEAN	28.384	32.993	0.589	0.282	8.782	48.776	0.619	0.995	18.333	45.067	2.467	0.967
STANDARD DEVIATION	5.966	5.183	0.414	0.282	2.128	11.373	0.400	0.368	18.987	16.718	1.187	1.695
N SIZE	15.000											

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
Avis, Steven	-0.57	-0.67	-0.07	-0.47	-1.40	-0.04	-0.30	-0.37	-0.54	-0.60	-1.24	-0.57
Broff, Andy	-2.29	-1.85	-0.58	-0.65	0.02	2.44	-0.05	-0.12	-0.75	1.49	2.13	2.38
Castillo, George	-0.27	-0.53	1.43	0.88	-0.78	-1.00	-0.15	-0.86	-0.44	-0.54	-0.39	1.20
Clare, Jamie	0.86	-0.10	2.25	1.55	0.17	-0.80	2.25	1.86	1.14	-0.30	0.45	-0.57
Forster, Michael	0.35	1.79	-0.48	0.74	-0.16	-0.75	-0.20	0.29	0.61	0.00	1.29	-0.57
Gutzwiller, Jim	0.23	0.77	0.94	-0.29	-0.16	0.84	1.15	-0.80	-0.97	0.41	-0.39	-0.57
Jadulal, Vishnu	1.28	0.48	0.99	2.55	0.39	1.47	1.70	1.92	2.72	2.69	0.45	-0.28
Lonsway, Chris	-0.57	-0.53	-0.82	-0.65	-0.76	-1.24	-0.60	-0.97	-0.44	-0.12	-0.39	1.79
May, Marianne	-0.57	-0.53	-0.60	-0.58	-0.45	-0.86	-0.55	-0.15	-0.60	-0.66	-0.39	0.61
Pitta, Jimmy	0.31	0.05	-0.68	-0.86	1.77	-0.31	-0.65	0.34	0.09	0.30	0.45	-0.57
Sanchez, Arthur	-0.48	-0.10	-0.65	-0.18	-0.56	-0.18	-0.65	-0.83	-0.54	-1.20	-0.39	-0.57
Seeck, Christian	1.49	-0.96	-0.94	-0.93	-1.19	0.54	-1.25	-0.39	0.09	0.00	-0.39	-0.57
Seiz, Ray	-0.56	1.79	-0.60	-0.29	2.28	0.08	-0.27	1.21	-0.75	0.18	0.45	-0.57
Veiga, Victor	1.40	-0.53	0.70	-0.08	0.34	-0.44	0.58	0.21	1.04	-1.20	-2.08	-0.57
Zalewski, John	-0.61	0.92	-0.89	-0.75	0.48	0.25	-1.05	-1.35	-0.65	-0.42	0.45	-0.57
MAXIMUM	-2.29	-1.85	2.25	2.55	2.28	2.44	2.25	1.92	2.72	2.69	2.13	2.38
MINIMUM	0.23	0.05	-0.07	-0.08	0.02	-0.04	-0.05	-0.12	0.09	0.00	-0.39	-0.28
RANGE(MAX-MIN)	-2.511	-1.900	2.320	2.627	2.265	2.482	2.299	2.041	2.633	2.692	2.527	2.655
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	15.000											

HEAVY DUTY RATING WORKSHOP (2013 October 8-10)

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
Avis, Steven	31.75	9.38	1.96	19.80	20.32	6.66	0.85
Broff, Andy	37.95	3.92	1.50	32.50	67.39	6.15	2.00
Castillo, George	46.78	7.12	2.62	17.43	19.20	7.06	2.17
Clare, Jamie	36.25	7.78	1.42	18.56	29.13	5.02	0.72
Forster, Michael	30.00	12.35	2.66	28.45	20.29	9.44	3.74
Gutzwiller, Jim	47.23	13.28	2.96	22.68	18.99	8.59	2.80
Jadulal, Vishnu	48.75	9.41	2.00	22.99	29.90	8.16	2.03
May, Marianne	38.31	13.89	3.29	21.13	22.41	6.98	2.04
Pitta, Jimmy	45.61	9.55	2.24	19.50	13.66	7.03	1.80
Sanchez, Arthur	32.50	6.14	1.66	17.66	22.03	6.61	1.52
Seeck, Christian	50.15	8.86	1.36	20.34	23.45	6.31	1.50
Terrado, Ken	27.75	9.10	1.73	22.50	23.84	7.19	2.31
Veiga, Victor	49.54	14.63	2.16	23.85	18.94	6.95	0.56
Zalewski, John	26.53	11.79	1.28	19.51	23.22	6.05	0.30
MAXIMUM	50.15	14.63	3.29	32.50	67.39	9.44	3.74
MINIMUM	26.53	3.92	1.28	17.43	13.66	5.02	0.30
RANGE(MAX-MIN)	23.620	10.710	2.010	15.070	53.730	4.420	3.440
MEAN	39.221	9.800	2.060	21.921	25.198	7.014	1.739
STANDARD DEVIATION	8.632	3.084	0.629	4.199	12.827	1.115	0.932
N SIZE	14.000						

Part ID= C3 - C13-STYLE

C3 YI Values

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

Rater	G1TOT	G2TOT	G3TOT	L1TOT	L2TOT	L3TOT	L4TOT
Avis, Steven	-0.87	-0.14	-0.16	-0.51	-0.38	-0.32	-0.95
Broff, Andy	-0.15	-1.91	-0.89	2.52	3.29	-0.78	0.28
Castillo, George	0.88	-0.87	0.89	-1.07	-0.47	0.04	0.46
Clare, Jamie	-0.34	-0.66	-1.02	-0.80	0.31	-1.79	-1.09
Forster, Michael	-1.07	0.83	0.95	1.55	-0.38	2.18	2.15
Gutzwiller, Jim	0.93	1.13	1.43	0.18	-0.48	1.41	1.14
Jadulal, Vishnu	1.10	-0.13	-0.10	0.25	0.37	1.03	0.31
May, Marianne	-0.11	1.33	1.96	-0.19	-0.22	-0.03	0.32
Pitta, Jimmy	0.74	-0.08	0.29	-0.58	-0.90	0.01	0.07
Sanchez, Arthur	-0.78	-1.19	-0.64	-1.01	-0.25	-0.36	-0.23
Seeck, Christian	1.27	-0.30	-1.11	-0.38	-0.14	-0.63	-0.26
Terrado, Ken	-1.33	-0.23	-0.52	0.14	-0.11	0.16	0.61
Veiga, Victor	1.20	1.57	0.16	0.46	-0.49	-0.06	-1.27
Zalewski, John	-1.47	0.65	-1.24	-0.57	-0.15	-0.87	-1.54
MAXIMUM	-1.47	-1.91	1.96	2.52	3.29	2.18	2.15
MINIMUM	-0.11	-0.08	-0.10	0.14	-0.11	0.01	0.07
RANGE(MAX-MIN)	-1.365	-1.826	2.051	2.381	3.395	2.162	2.082
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	14.000						

HEAVY DUTY RATING WORKSHOP (2013 October 8-10)

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
Avis, Steven	31.75	9.38	1.96	19.80	20.32	6.66	0.85
Castillo, George	46.78	7.12	2.62	17.43	19.20	7.06	2.17
Clare, Jamie	36.25	7.78	1.42	18.56	29.13	5.02	0.72
Forster, Michael	30.00	12.35	2.66	28.45	20.29	9.44	3.74
Gutzwiller, Jim	47.23	13.28	2.96	22.68	18.99	8.59	2.80
Jadulal, Vishnu	48.75	9.41	2.00	22.99	29.90	8.16	2.03
May, Marianne	38.31	13.89	3.29	21.13	22.41	6.98	2.04
Pitta, Jimmy	45.61	9.55	2.24	19.50	13.66	7.03	1.80
Sanchez, Arthur	32.50	6.14	1.66	17.66	22.03	6.61	1.52
Seeck, Christian	50.15	8.86	1.36	20.34	23.45	6.31	1.50
Terrado, Ken	27.75	9.10	1.73	22.50	23.84	7.19	2.31
Veiga, Victor	49.54	14.63	2.16	23.85	18.94	6.95	0.56
Zalewski, John	26.53	11.79	1.28	19.51	23.22	6.05	0.30
MAXIMUM	50.15	14.63	3.29	28.45	29.90	9.44	3.74
MINIMUM	26.53	6.14	1.28	17.43	13.66	5.02	0.30
RANGE(MAX-MIN)	23.620	8.490	2.010	11.020	16.240	4.420	3.440
MEAN	39.319	10.252	2.103	21.108	21.952	7.081	1.718
STANDARD DEVIATION	8.977	2.683	0.633	3.010	4.300	1.131	0.967
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
Avis, Steven	-0.84	-0.33	-0.23	-0.43	-0.38	-0.37	-0.90
Castillo, George	0.83	-1.17	0.82	-1.22	-0.64	-0.02	0.47
Clare, Jamie	-0.34	-0.92	-1.08	-0.85	1.67	-1.82	-1.03
Forster, Michael	-1.04	0.78	0.88	2.44	-0.39	2.09	2.09
Gutzwiller, Jim	0.88	1.13	1.35	0.52	-0.69	1.33	1.12
Jadulal, Vishnu	1.05	-0.31	-0.16	0.63	1.85	0.95	0.32
May, Marianne	-0.11	1.36	1.88	0.01	0.11	-0.09	0.33
Pitta, Jimmy	0.70	-0.26	0.22	-0.53	-1.93	-0.04	0.08
Sanchez, Arthur	-0.76	-1.53	-0.70	-1.15	0.02	-0.42	-0.21
Seeck, Christian	1.21	-0.52	-1.17	-0.26	0.35	-0.68	-0.23
Terrado, Ken	-1.29	-0.43	-0.59	0.46	0.44	0.10	0.61
Veiga, Victor	1.14	1.63	0.09	0.91	-0.70	-0.12	-1.20
Zalewski, John	-1.42	0.57	-1.30	-0.53	0.29	-0.91	-1.47
MAXIMUM	-1.42	1.63	1.88	2.44	-1.93	2.09	2.09
MINIMUM	-0.11	-0.26	0.09	0.01	0.02	-0.02	0.08
RANGE(MAX-MIN)	-1.312	1.893	1.786	2.432	-1.946	2.104	2.007
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 (2013 October 8-10)

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
Avis, Steven	56.88	1.46	0.10	0.00	12.97	0.10	0.10	55.00
Broff, Andy	62.82	0.38	0.00	0.00	12.05	0.05	0.05	66.00
Castillo, George	52.78	1.26	0.02	0.00	12.26	0.31	0.14	50.00
Clare, Jamie	53.03	2.42	0.66	0.26	12.10	0.95	0.92	50.00
Forster, Michael	54.71	2.15	0.20	0.10	12.92	0.30	0.20	55.00
Gutzwiller, Jim	58.13	3.37	0.26	0.22	13.40	0.63	0.58	56.00
Jadulal, Vishnu	53.78	1.20	1.00	1.00	11.57	1.00	1.00	68.00
Kraemer, Vernon	36.36	1.00	0.44	0.44	10.23	0.61	0.61	35.00
Lonsway, Chris	45.88	1.99	0.10	0.05	12.18	0.20	0.15	52.00
May, Marianne	56.30	1.24	0.14	0.03	11.88	0.19	0.13	49.00
Pitta, Jimmy	50.14	1.94	0.20	0.00	10.73	0.15	0.12	49.00
Sanchez, Arthur	50.28	0.61	0.20	0.10	12.81	0.50	0.30	48.00
Seeck, Christian	61.99	1.69	0.02	0.00	12.08	0.04	0.04	49.00
Seiz, Ray	60.07	0.91	0.20	0.10	13.17	0.16	0.05	59.00
Terrado, Ken	51.62	1.12	0.15	0.05	13.64	0.41	0.22	48.00
Thomsen, Sven	45.08	1.41	0.00	0.00	12.98	0.06	0.03	56.00
Veiga, Victor	49.12	1.43	0.20	0.20	11.96	0.31	0.32	46.00
Zalewski, John	57.28	1.74	0.10	0.10	16.15	0.14	0.13	56.00
MAXIMUM	62.82	3.37	1.00	1.00	16.15	1.00	1.00	68.00
MINIMUM	36.36	0.38	0.00	0.00	10.23	0.04	0.03	35.00
RANGE(MAX-MIN)	26.460	2.990	1.000	1.000	5.920	0.960	0.970	33.000
MEAN	53.125	1.518	0.222	0.147	12.504	0.339	0.283	52.611
STANDARD DEVIATION	6.526	0.699	0.253	0.243	1.263	0.293	0.297	7.484
N SIZE	18.000							

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
Avis, Steven	0.58	-0.08	-0.48	-0.61	0.37	-0.82	-0.61	0.32
Broff, Andy	1.49	-1.63	-0.88	-0.61	-0.36	-0.99	-0.78	1.79
Castillo, George	-0.05	-0.37	-0.80	-0.61	-0.19	-0.10	-0.48	-0.35
Clare, Jamie	-0.01	1.29	1.73	0.46	-0.32	2.08	2.14	-0.35
Forster, Michael	0.24	0.90	-0.09	-0.19	0.33	-0.13	-0.28	0.32
Gutzwiller, Jim	0.77	2.65	0.15	0.30	0.71	0.99	1.00	0.45
Jadulal, Vishnu	0.10	-0.45	3.08	3.51	-0.74	2.25	2.41	2.06
Kraemer, Vernon	-2.57	-0.74	0.86	1.20	-1.80	0.92	1.10	-2.35
Lonsway, Chris	-1.11	0.68	-0.48	-0.40	-0.26	-0.48	-0.45	-0.08
May, Marianne	0.49	-0.40	-0.32	-0.48	-0.49	-0.51	-0.51	-0.48
Pitta, Jimmy	-0.46	0.60	-0.09	-0.61	-1.40	-0.65	-0.55	-0.48
Sanchez, Arthur	-0.44	-1.30	-0.09	-0.19	0.24	0.55	0.06	-0.62
Seeck, Christian	1.36	0.25	-0.80	-0.61	-0.34	-1.02	-0.82	-0.48
Seiz, Ray	1.06	-0.87	-0.09	-0.19	0.53	-0.61	-0.78	0.85
Terrado, Ken	-0.23	-0.57	-0.28	-0.40	0.90	0.24	-0.21	-0.62
Thomsen, Sven	-1.23	-0.15	-0.88	-0.61	0.38	-0.95	-0.85	0.45
Veiga, Victor	-0.61	-0.13	-0.09	0.22	-0.43	-0.10	0.13	-0.88
Zalewski, John	0.64	0.32	-0.48	-0.19	2.89	-0.68	-0.51	0.45
MAXIMUM	-2.57	2.65	3.08	3.51	2.89	2.25	2.41	-2.35
MINIMUM	-0.01	-0.08	-0.09	-0.19	-0.19	-0.10	0.06	-0.08
RANGE(MAX-MIN)	-2.554	2.733	3.166	3.701	3.079	2.355	2.353	-2.271
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 (2013 October 8-10)

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
Avis, Steven	56.88	1.46	0.10	0.00	12.97	0.10	0.10	55.00
Broff, Andy	62.82	0.38	0.00	0.00	12.05	0.05	0.05	66.00
Castillo, George	52.78	1.26	0.02	0.00	12.26	0.31	0.14	50.00
Clare, Jamie	53.03	2.42	0.66	0.26	12.10	0.95	0.92	50.00
Forster, Michael	54.71	2.15	0.20	0.10	12.92	0.30	0.20	55.00
Gutzwiller, Jim	58.13	3.37	0.26	0.22	13.40	0.63	0.58	56.00
Kraemer, Vernon	36.36	1.00	0.44	0.44	10.23	0.61	0.61	35.00
Lonsway, Chris	45.88	1.99	0.10	0.05	12.18	0.20	0.15	52.00
May, Marianne	56.30	1.24	0.14	0.03	11.88	0.19	0.13	49.00
Pitta, Jimmy	50.14	1.94	0.20	0.00	10.73	0.15	0.12	49.00
Sanchez, Arthur	50.28	0.61	0.20	0.10	12.81	0.50	0.30	48.00
Seeck, Christian	61.99	1.69	0.02	0.00	12.08	0.04	0.04	49.00
Seiz, Ray	60.07	0.91	0.20	0.10	13.17	0.16	0.05	59.00
Terrado, Ken	51.62	1.12	0.15	0.05	13.64	0.41	0.22	48.00
Thomsen, Sven	45.08	1.41	0.00	0.00	12.98	0.06	0.03	56.00
Veiga, Victor	49.12	1.43	0.20	0.20	11.96	0.31	0.32	46.00
Zalewski, John	57.28	1.74	0.10	0.10	16.15	0.14	0.13	56.00
MAXIMUM	62.82	3.37	0.66	0.44	16.15	0.95	0.92	66.00
MINIMUM	36.36	0.38	0.00	0.00	10.23	0.04	0.03	35.00
RANGE(MAX-MIN)	26.460	2.990	0.660	0.440	5.920	0.910	0.890	31.000
MEAN	53.086	1.536	0.176	0.097	12.559	0.301	0.241	51.706
STANDARD DEVIATION	6.725	0.716	0.167	0.121	1.280	0.250	0.245	6.622
N SIZE	17.000							

Part ID= C4 - SQUARE CUT

C4 YI Values

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

Rater	G1TOT	G2TOT	G3TOT	G4TOT	L2TOT	L3TOT	L4TOT	TGF
Avis, Steven	0.56	-0.11	-0.46	-0.80	0.32	-0.80	-0.57	0.50
Broff, Andy	1.45	-1.62	-1.06	-0.80	-0.40	-1.00	-0.78	2.16
Castillo, George	-0.05	-0.39	-0.94	-0.80	-0.23	0.04	-0.41	-0.26
Clare, Jamie	-0.01	1.23	2.91	1.34	-0.36	2.60	2.77	-0.26
Forster, Michael	0.24	0.86	0.14	0.02	0.28	0.00	-0.17	0.50
Gutzwiller, Jim	0.75	2.56	0.51	1.01	0.66	1.32	1.39	0.65
Kraemer, Vernon	-2.49	-0.75	1.59	2.83	-1.82	1.24	1.51	-2.52
Lonsway, Chris	-1.07	0.63	-0.46	-0.39	-0.30	-0.40	-0.37	0.04
May, Marianne	0.48	-0.41	-0.22	-0.55	-0.53	-0.44	-0.45	-0.41
Pitta, Jimmy	-0.44	0.56	0.14	-0.80	-1.43	-0.60	-0.49	-0.41
Sanchez, Arthur	-0.42	-1.29	0.14	0.02	0.20	0.80	0.24	-0.56
Seeck, Christian	1.32	0.21	-0.94	-0.80	-0.37	-1.04	-0.82	-0.41
Seiz, Ray	1.04	-0.88	0.14	0.02	0.48	-0.56	-0.78	1.10
Terrado, Ken	-0.22	-0.58	-0.16	-0.39	0.84	0.44	-0.08	-0.56
Thomsen, Sven	-1.19	-0.18	-1.06	-0.80	0.33	-0.96	-0.86	0.65
Veiga, Victor	-0.59	-0.15	0.14	0.85	-0.47	0.04	0.32	-0.86
Zalewski, John	0.62	0.28	-0.46	0.02	2.81	-0.64	-0.45	0.65
MAXIMUM	-2.49	2.56	2.91	2.83	2.81	2.60	2.77	-2.52
MINIMUM	-0.01	-0.11	0.14	0.02	0.20	0.00	-0.08	0.04
RANGE(MAX-MIN)	-2.479	2.668	2.762	2.803	2.610	2.604	2.859	-2.567
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 (2013 October 8-10)

Part ID= C5 - SEQUENCE III

Rated Values

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

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	UCTOT	THIOT	ATTOT
Avis, Steven	6.30	25.00	0.34	68.50	22.41	7.55	0.38	0.25
Broff, Andy	8.60	25.00	0.60	24.52	11.55	6.50	0.22	0.10
Castillo, George	7.62	25.00	0.61	28.15	20.77	6.58	0.57	0.30
Clare, Jamie	13.94	25.00	0.54	54.83	20.28	6.58	0.68	0.96
Forster, Michael	10.11	25.00	1.03	59.58	21.24	8.05	1.40	0.74
Gutzwiller, Jim	8.04	25.00	1.30	80.08	19.38	5.15	0.90	1.19
Hurst, Kevin R.	11.63	25.00	0.68	50.85	22.41	8.16	0.32	0.32
Jadulal, Vishnu	91.75	55.00	1.15	82.75	42.85	38.45	1.11	1.10
Lonsway, Chris	11.72	25.00	0.46	52.57	21.98	8.02	0.52	0.61
May, Marianne	15.58	25.00	0.44	55.32	21.99	8.35	0.49	0.24
Pitta, Jimmy	8.57	25.00	0.65	55.81	21.04	8.01	0.41	0.18
Sanchez, Arthur	9.42	26.32	0.46	65.04	22.47	7.35	0.52	0.44
Seeck, Christian	10.99	25.00	0.38	74.59	20.76	6.00	0.39	0.24
Veiga, Victor	11.69	26.50	0.45	60.04	21.43	13.15	0.31	0.19
Zalewski, John	8.54	51.25	0.53	57.52	21.21	5.32	0.50	0.31
MAXIMUM	91.75	55.00	1.30	82.75	42.85	38.45	1.40	1.19
MINIMUM	6.30	25.00	0.34	24.52	11.55	5.15	0.22	0.10
RANGE(MAX-MIN)	85.450	30.000	0.960	58.230	31.300	33.300	1.180	1.090
MEAN	15.633	28.938	0.641	58.010	22.118	9.548	0.581	0.478
STANDARD DEVIATION	21.201	9.858	0.289	16.161	6.322	8.212	0.323	0.356
N SIZE	15.000							

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	THIOT	ATTOT
Avis, Steven	-0.44	-0.40	-1.04	0.65	0.05	-0.24	-0.62	-0.64
Broff, Andy	-0.33	-0.40	-0.14	-2.07	-1.67	-0.37	-1.12	-1.06
Castillo, George	-0.38	-0.40	-0.11	-1.85	-0.21	-0.36	-0.04	-0.50
Clare, Jamie	-0.08	-0.40	-0.35	-0.20	-0.29	-0.36	0.31	1.35
Forster, Michael	-0.26	-0.40	1.34	0.10	-0.14	-0.18	2.53	0.74
Gutzwiller, Jim	-0.36	-0.40	2.28	1.37	-0.43	-0.54	0.99	2.00
Hurst, Kevin R.	-0.19	-0.40	0.13	-0.44	0.05	-0.17	-0.81	-0.44
Jadulal, Vishnu	3.59	2.64	1.76	1.53	3.28	3.52	1.64	1.75
Lonsway, Chris	-0.18	-0.40	-0.63	-0.34	-0.02	-0.19	-0.19	0.37
May, Marianne	0.00	-0.40	-0.70	-0.17	-0.02	-0.15	-0.28	-0.67
Pitta, Jimmy	-0.33	-0.40	0.03	-0.14	-0.17	-0.19	-0.53	-0.84
Sanchez, Arthur	-0.29	-0.27	-0.63	0.44	0.06	-0.27	-0.19	-0.11
Seeck, Christian	-0.22	-0.40	-0.90	1.03	-0.21	-0.43	-0.59	-0.67
Veiga, Victor	-0.19	-0.25	-0.66	0.13	-0.11	0.44	-0.84	-0.81
Zalewski, John	-0.33	2.26	-0.38	-0.03	-0.14	-0.51	-0.25	-0.47
MAXIMUM	3.59	2.64	2.28	-2.07	3.28	3.52	2.53	2.00
MINIMUM	0.00	-0.25	0.03	-0.03	-0.02	-0.15	-0.04	-0.11
RANGE(MAX-MIN)	3.593	2.891	2.246	-2.042	3.299	3.665	2.568	2.104
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 (2013 October 8-10)

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
Avis, Steven	6.30	25.00	0.34	68.50	22.41	7.55	0.38	0.25
Broff, Andy	8.60	25.00	0.60	24.52	11.55	6.50	0.22	0.10
Castillo, George	7.62	25.00	0.61	28.15	20.77	6.58	0.57	0.30
Clare, Jamie	13.94	25.00	0.54	54.83	20.28	6.58	0.68	0.96
Forster, Michael	10.11	25.00	1.03	59.58	21.24	8.05	1.40	0.74
Gutzwiller, Jim	8.04	25.00	1.30	80.08	19.38	5.15	0.90	1.19
Hurst, Kevin R.	11.63	25.00	0.68	50.85	22.41	8.16	0.32	0.32
Lonsway, Chris	11.72	25.00	0.46	52.57	21.98	8.02	0.52	0.61
May, Marianne	15.58	25.00	0.44	55.32	21.99	8.35	0.49	0.24
Pitta, Jimmy	8.57	25.00	0.65	55.81	21.04	8.01	0.41	0.18
Sanchez, Arthur	9.42	26.32	0.46	65.04	22.47	7.35	0.52	0.44
Seeck, Christian	10.99	25.00	0.38	74.59	20.76	6.00	0.39	0.24
Veiga, Victor	11.69	26.50	0.45	60.04	21.43	13.15	0.31	0.19
Zalewski, John	8.54	51.25	0.53	57.52	21.21	5.32	0.50	0.31
MAXIMUM	15.58	51.25	1.30	80.08	22.47	13.15	1.40	1.19
MINIMUM	6.30	25.00	0.34	24.52	11.55	5.15	0.22	0.10
RANGE(MAX-MIN)	9.280	26.250	0.960	55.560	10.920	8.000	1.180	1.090
MEAN	10.196	27.076	0.605	56.243	20.637	7.484	0.544	0.434
STANDARD DEVIATION	2.561	6.976	0.262	15.193	2.761	1.944	0.299	0.324
N SIZE	14.000							

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
Avis, Steven	-1.52	-0.30	-1.01	0.81	0.64	0.03	-0.55	-0.57
Broff, Andy	-0.62	-0.30	-0.02	-2.09	-3.29	-0.51	-1.08	-1.03
Castillo, George	-1.01	-0.30	0.02	-1.85	0.05	-0.46	0.09	-0.41
Clare, Jamie	1.46	-0.30	-0.25	-0.09	-0.13	-0.46	0.46	1.63
Forster, Michael	-0.03	-0.30	1.62	0.22	0.22	0.29	2.86	0.95
Gutzwiller, Jim	-0.84	-0.30	2.65	1.57	-0.46	-1.20	1.19	2.34
Hurst, Kevin R.	0.56	-0.30	0.29	-0.36	0.64	0.35	-0.75	-0.35
Lonsway, Chris	0.60	-0.30	-0.55	-0.24	0.49	0.28	-0.08	0.54
May, Marianne	2.10	-0.30	-0.63	-0.06	0.49	0.45	-0.18	-0.60
Pitta, Jimmy	-0.64	-0.30	0.17	-0.03	0.15	0.27	-0.45	-0.78
Sanchez, Arthur	-0.30	-0.11	-0.55	0.58	0.66	-0.07	-0.08	0.02
Seeck, Christian	0.31	-0.30	-0.86	1.21	0.04	-0.76	-0.51	-0.60
Veiga, Victor	0.58	-0.08	-0.59	0.25	0.29	2.91	-0.78	-0.75
Zalewski, John	-0.65	3.47	-0.29	0.08	0.21	-1.11	-0.15	-0.38
MAXIMUM	2.10	3.47	2.65	-2.09	-3.29	2.91	2.86	2.34
MINIMUM	-0.03	-0.08	-0.02	-0.03	0.04	0.03	-0.08	0.02
RANGE(MAX-MIN)	2.136	3.548	2.667	-2.060	-3.336	2.880	2.942	2.316
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 (2013 October 8-10)

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
Avis, Steven	38.75	13.58	2.22	10.40	19.16	8.91	1.51	0.25	38.00	9.00	0.00	0.00
Broff, Andy	38.00	9.02	2.25	3.23	7.20	5.24	2.10	0.25	20.00	4.00	0.00	0.00
Castillo, George	32.00	11.63	2.09	6.76	18.27	7.56	2.08	0.64	27.00	14.00	1.00	0.00
Clare, Jamie	36.50	9.16	2.04	5.70	11.49	6.29	2.08	0.80	30.00	5.00	1.00	0.00
Forster, Michael	50.50	8.27	3.79	6.90	25.75	10.42	2.46	0.30	46.00	6.00	1.00	2.00
Gutzwiller, Jim	39.55	14.03	3.04	16.80	20.83	8.60	2.50	0.73	23.00	9.00	2.00	0.00
Jadulal, Vishnu	57.50	13.60	2.55	4.89	8.67	6.49	1.97	1.00	92.00	20.00	0.00	0.00
Lonsway, Chris	34.51	13.44	1.77	6.90	10.28	6.49	1.78	0.15	40.00	9.00	1.00	0.00
May, Marianne	35.00	17.75	2.08	14.20	19.99	11.31	2.12	0.36	23.00	10.00	1.00	0.00
Pitta, Jimmy	59.00	16.75	2.69	10.98	16.18	6.44	2.22	0.33	56.00	10.00	1.00	0.00
Sanchez, Arthur	35.00	11.34	1.54	6.30	17.30	4.86	1.35	0.50	30.00	6.00	1.00	2.00
Seeck, Christian	56.60	15.00	2.04	7.94	17.79	8.96	1.65	0.33	44.00	9.00	1.00	0.00
Terrado, Ken	43.00	16.28	2.70	6.60	18.10	7.41	2.73	0.61	27.00	9.00	0.00	0.00
Veiga, Victor	54.50	14.77	1.50	7.20	30.25	19.16	1.36	0.15	38.00	15.50	7.00	0.00
Zalewski, John	31.00	17.19	1.67	6.30	17.93	8.90	1.81	0.46	11.00	7.00	1.00	0.00
MAXIMUM	59.00	17.75	3.79	16.80	30.25	19.16	2.73	1.00	92.00	20.00	7.00	2.00
MINIMUM	31.00	8.27	1.50	3.23	7.20	4.86	1.35	0.15	11.00	4.00	0.00	0.00
RANGE(MAX-MIN)	28.000	9.480	2.290	13.570	23.050	14.300	1.380	0.850	81.000	16.000	7.000	2.000
MEAN	42.761	13.454	2.265	8.073	17.279	8.469	1.981	0.457	36.333	9.500	1.200	0.267
STANDARD DEVIATION	10.004	3.030	0.613	3.591	6.125	3.473	0.410	0.252	19.227	4.222	1.699	0.704
N SIZE	15.000											

Part ID= C6 - ARTICULATED 2-PIECE

C6 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
Avis, Steven	-0.40	0.04	-0.07	0.65	0.31	0.13	-1.15	-0.82	0.09	-0.12	-0.71	-0.38
Broff, Andy	-0.48	-1.46	-0.02	-1.35	-1.65	-0.93	0.29	-0.82	-0.85	-1.30	-0.71	-0.38
Castillo, George	-1.08	-0.60	-0.29	-0.37	0.16	-0.26	0.24	0.73	-0.49	1.07	-0.12	-0.38
Clare, Jamie	-0.63	-1.42	-0.37	-0.66	-0.95	-0.63	0.24	1.36	-0.33	-1.07	-0.12	-0.38
Forster, Michael	0.77	-1.71	2.49	-0.33	1.38	0.56	1.17	-0.63	0.50	-0.83	-0.12	2.46
Gutzwiller, Jim	-0.32	0.19	1.27	2.43	0.58	0.04	1.26	1.08	-0.69	-0.12	0.47	-0.38
Jadulal, Vishnu	1.47	0.05	0.47	-0.89	-1.41	-0.57	-0.03	2.16	2.90	2.49	-0.71	-0.38
Lonsway, Chris	-0.82	0.00	-0.81	-0.33	-1.14	-0.57	-0.49	-1.22	0.19	-0.12	-0.12	-0.38
May, Marianne	-0.78	1.42	-0.30	1.71	0.44	0.82	0.34	-0.39	-0.69	0.12	-0.12	-0.38
Pitta, Jimmy	1.62	1.09	0.69	0.81	-0.18	-0.58	0.58	-0.51	1.02	0.12	-0.12	-0.38
Sanchez, Arthur	-0.78	-0.70	-1.18	-0.49	0.00	-1.04	-1.54	0.17	-0.33	-0.83	-0.12	2.46
Seeck, Christian	1.38	0.51	-0.37	-0.04	0.08	0.14	-0.81	-0.51	0.40	-0.12	-0.12	-0.38
Terrado, Ken	0.02	0.93	0.71	-0.41	0.13	-0.31	1.83	0.61	-0.49	-0.12	-0.71	-0.38
Veiga, Victor	1.17	0.43	-1.25	-0.24	2.12	3.08	-1.51	-1.22	0.09	1.42	3.41	-0.38
Zalewski, John	-1.18	1.23	-0.97	-0.49	0.11	0.12	-0.42	0.01	-1.32	-0.59	-0.12	-0.38
MAXIMUM	1.62	-1.71	2.49	2.43	2.12	3.08	1.83	2.16	2.90	2.49	3.41	2.46
MINIMUM	0.02	0.00	-0.02	-0.04	0.00	0.04	-0.03	0.01	0.09	-0.12	-0.12	-0.38
RANGE(MAX-MIN)	1.599	-1.706	2.513	2.468	2.114	3.040	1.853	2.146	2.809	2.606	3.532	2.842
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	15.000											

HEAVY DUTY RATING WORKSHOP (2013 October 8-10)

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	TLFC
Avis, Steven	38.75	13.58	2.22	10.40	19.16	8.91	1.51	0.25	38.00	9.00	0.00	0.00
Broff, Andy	38.00	9.02	2.25	3.23	7.20	5.24	2.10	0.25	20.00	4.00	0.00	0.00
Castillo, George	32.00	11.63	2.09	6.76	18.27	7.56	2.08	0.64	27.00	14.00	1.00	0.00
Clare, Jamie	36.50	9.16	2.04	5.70	11.49	6.29	2.08	0.80	30.00	5.00	1.00	0.00
Forster, Michael	50.50	8.27	3.79	6.90	25.75	10.42	2.46	0.30	46.00	6.00	1.00	2.00
Gutzwiller, Jim	39.55	14.03	3.04	16.80	20.83	8.60	2.50	0.73	23.00	9.00	2.00	0.00
Jadulal, Vishnu	57.50	13.60	2.55	4.89	8.67	6.49	1.97	1.00	92.00	20.00	0.00	0.00
Lonsway, Chris	34.51	13.44	1.77	6.90	10.28	6.49	1.78	0.15	40.00	9.00	1.00	0.00
May, Marianne	35.00	17.75	2.08	14.20	19.99	11.31	2.12	0.36	23.00	10.00	1.00	0.00
Pitta, Jimmy	59.00	16.75	2.69	10.98	16.18	6.44	2.22	0.33	56.00	10.00	1.00	0.00
Sanchez, Arthur	35.00	11.34	1.54	6.30	17.30	4.86	1.35	0.50	30.00	6.00	1.00	2.00
Seeck, Christian	56.60	15.00	2.04	7.94	17.79	8.96	1.65	0.33	44.00	9.00	1.00	0.00
Terrado, Ken	43.00	16.28	2.70	6.60	18.10	7.41	2.73	0.61	27.00	9.00	0.00	0.00
Zalewski, John	31.00	17.19	1.67	6.30	17.93	8.90	1.81	0.46	11.00	7.00	1.00	0.00
MAXIMUM	59.00	17.75	3.79	16.80	25.75	11.31	2.73	1.00	92.00	20.00	2.00	2.00
MINIMUM	31.00	8.27	1.54	3.23	7.20	4.86	1.35	0.15	11.00	4.00	0.00	0.00
RANGE(MAX-MIN)	28.000	9.480	2.250	13.570	18.550	6.450	1.380	0.850	81.000	16.000	2.000	2.000
MEAN	41.922	13.360	2.319	8.136	16.353	7.706	2.026	0.479	36.214	9.071	0.786	0.286
STANDARD DEVIATION	9.819	3.121	0.597	3.718	5.152	1.890	0.386	0.246	19.947	4.028	0.579	0.726
N SIZE	14.000											

Part ID= C6 - ARTICULATED 2-PIECE

C6 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	-0.32	0.07	-0.17	0.61	0.54	0.64	-1.33	-0.93	0.09	-0.02	-1.36	-0.39
Broff, Andy	-0.40	-1.39	-0.12	-1.32	-1.78	-1.30	0.19	-0.93	-0.81	-1.26	-1.36	-0.39
Castillo, George	-1.01	-0.55	-0.38	-0.37	0.37	-0.08	0.14	0.65	-0.46	1.22	0.37	-0.39
Clare, Jamie	-0.55	-1.35	-0.47	-0.66	-0.94	-0.75	0.14	1.31	-0.31	-1.01	0.37	-0.39
Forster, Michael	0.87	-1.63	2.46	-0.33	1.82	1.44	1.12	-0.73	0.49	-0.76	0.37	2.36
Gutzwiller, Jim	-0.24	0.21	1.21	2.33	0.87	0.47	1.23	1.02	-0.66	-0.02	2.10	-0.39
Jadulal, Vishnu	1.59	0.08	0.39	-0.87	-1.49	-0.64	-0.14	2.12	2.80	2.71	-1.36	-0.39
Lonsway, Chris	-0.75	0.03	-0.92	-0.33	-1.18	-0.64	-0.64	-1.34	0.19	-0.02	0.37	-0.39
May, Marianne	-0.70	1.41	-0.40	1.63	0.71	1.91	0.24	-0.49	-0.66	0.23	0.37	-0.39
Pitta, Jimmy	1.74	1.09	0.62	0.77	-0.03	-0.67	0.50	-0.61	0.99	0.23	0.37	-0.39
Sanchez, Arthur	-0.70	-0.65	-1.31	-0.49	0.18	-1.51	-1.75	0.08	-0.31	-0.76	0.37	2.36
Seeck, Christian	1.49	0.53	-0.47	-0.05	0.28	0.66	-0.97	-0.61	0.39	-0.02	0.37	-0.39
Terrado, Ken	0.11	0.94	0.64	-0.41	0.34	-0.16	1.82	0.53	-0.46	-0.02	-1.36	-0.39
Zalewski, John	-1.11	1.23	-1.09	-0.49	0.31	0.63	-0.56	-0.08	-1.26	-0.51	0.37	-0.39
MAXIMUM	1.74	-1.63	2.46	2.33	1.82	1.91	1.82	2.12	2.80	2.71	2.10	2.36
MINIMUM	0.11	0.03	-0.12	-0.05	-0.03	-0.08	0.14	-0.08	0.09	-0.02	0.37	-0.39
RANGE(MAX-MIN)	1.629	-1.656	2.581	2.383	1.858	1.984	1.682	2.197	2.707	2.731	1.727	2.754
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 (2013 October 8-10)

Part ID= C7 - SEQUENCE III

Rated Values

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

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	UCTOT	THIOT	ATTOT
Avis, Steven	22.55	25.75	3.27	37.00	25.55	3.97	0.22	0.06
Broff, Andy	22.84	25.00	3.50	25.00	19.64	3.20	0.15	0.03
Castillo, George	28.94	25.00	2.84	28.75	24.57	3.30	0.17	0.07
Clare, Jamie	22.37	25.00	3.63	36.25	26.40	3.87	0.51	0.54
Forster, Michael	42.55	25.00	4.52	37.51	25.50	3.80	0.50	1.12
Gutzwiller, Jim	23.00	26.50	4.06	46.26	25.60	3.20	0.85	0.76
Hurst, Kevin R.	22.57	25.75	3.03	32.26	23.31	4.28	0.20	0.15
Kraemer, Vernon	22.39	25.00	2.91	39.96	37.79	3.62	0.53	0.36
Lonsway, Chris	45.20	25.00	3.69	30.00	25.52	3.47	0.24	0.15
May, Marianne	22.80	25.75	3.17	35.50	25.29	3.58	0.27	0.06
Pitta, Jimmy	22.70	25.75	3.37	33.76	26.30	4.51	0.12	0.09
Sanchez, Arthur	23.29	26.50	2.60	36.00	28.25	2.53	0.17	0.12
Seeck, Christian	22.24	25.00	3.08	27.51	26.15	3.05	0.25	0.12
Thomsen, Sven	21.92	50.50	3.20	36.52	31.37	5.40	0.10	0.05
Veiga, Victor	23.20	26.50	2.45	37.75	25.56	4.18	0.17	0.12
Zalewski, John	41.77	46.75	4.46	41.00	27.76	3.38	0.25	0.19
MAXIMUM	45.20	50.50	4.52	46.26	37.79	5.40	0.85	1.12
MINIMUM	21.92	25.00	2.45	25.00	19.64	2.53	0.10	0.03
RANGE(MAX-MIN)	23.280	25.500	2.070	21.260	18.150	2.870	0.750	1.090
MEAN	26.896	28.422	3.361	35.064	26.535	3.709	0.294	0.249
STANDARD DEVIATION	8.258	7.937	0.599	5.413	3.855	0.676	0.202	0.306
N SIZE	16.000							

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	THIOT	ATTOT
Avis, Steven	-0.53	-0.34	-0.15	0.36	-0.26	0.39	-0.37	-0.62
Broff, Andy	-0.49	-0.43	0.23	-1.86	-1.79	-0.75	-0.71	-0.72
Castillo, George	0.25	-0.43	-0.87	-1.17	-0.51	-0.60	-0.61	-0.59
Clare, Jamie	-0.55	-0.43	0.45	0.22	-0.04	0.24	1.07	0.95
Forster, Michael	1.90	-0.43	1.93	0.45	-0.27	0.14	1.02	2.84
Gutzwiller, Jim	-0.47	-0.24	1.17	2.07	-0.24	-0.75	2.76	1.67
Hurst, Kevin R.	-0.52	-0.34	-0.55	-0.52	-0.84	0.85	-0.46	-0.32
Kraemer, Vernon	-0.55	-0.43	-0.75	0.90	2.92	-0.13	1.17	0.36
Lonsway, Chris	2.22	-0.43	0.55	-0.94	-0.26	-0.35	-0.27	-0.32
May, Marianne	-0.50	-0.34	-0.32	0.08	-0.32	-0.19	-0.12	-0.62
Pitta, Jimmy	-0.51	-0.34	0.01	-0.24	-0.06	1.19	-0.86	-0.52
Sanchez, Arthur	-0.44	-0.24	-1.27	0.17	0.44	-1.74	-0.61	-0.42
Seeck, Christian	-0.56	-0.43	-0.47	-1.40	-0.10	-0.97	-0.22	-0.42
Thomsen, Sven	-0.60	2.78	-0.27	0.27	1.25	2.50	-0.96	-0.65
Veiga, Victor	-0.45	-0.24	-1.52	0.50	-0.25	0.70	-0.61	-0.42
Zalewski, John	1.80	2.31	1.83	1.10	0.32	-0.49	-0.22	-0.19
MAXIMUM	2.22	2.78	1.93	2.07	2.92	2.50	2.76	2.84
MINIMUM	0.25	-0.24	0.01	0.08	-0.04	-0.13	-0.12	-0.19
RANGE(MAX-MIN)	1.969	3.024	1.920	1.988	2.954	2.634	2.875	3.038
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 (2013 October 8-10)

Part ID= C8 - SEQUENCE III

Rated Values

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

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	UCTOT	THTOT	ATTOT
Avis, Steven	16.00	25.00	0.83	32.50	25.00	1.10	0.28	0.00
Broff, Andy	13.68	25.00	0.90	25.00	15.30	1.00	0.25	0.00
Castillo, George	15.45	25.00	0.90	26.50	24.75	1.37	0.34	0.00
Clare, Jamie	13.88	25.00	1.59	40.00	30.10	1.98	0.23	0.35
Forster, Michael	18.72	25.75	0.82	36.25	24.01	1.17	0.50	0.30
Gutzwiller, Jim	17.38	25.00	1.49	43.00	23.45	1.60	0.90	0.50
Hurst, Kevin R.	16.80	25.75	0.56	28.00	24.07	1.00	0.23	0.10
Kraemer, Vernon	16.28	25.00	1.26	32.50	24.50	1.33	0.63	0.20
Lonsway, Chris	16.52	25.00	0.91	29.50	24.75	1.28	0.29	0.05
May, Marianne	19.81	25.00	0.70	31.00	24.51	1.07	0.20	0.02
Pitta, Jimmy	16.18	26.50	0.81	31.75	24.50	1.45	0.28	0.01
Sanchez, Arthur	16.44	25.75	0.61	36.25	26.00	1.02	0.25	0.10
Seeck, Christian	17.08	25.00	0.67	2.63	26.50	1.40	0.19	0.00
Thomsen, Sven	12.54	25.00	1.50	37.75	24.00	2.30	0.00	0.40
Veiga, Victor	17.69	26.50	0.72	31.75	24.01	1.69	0.16	0.10
Zalewski, John	13.41	27.25	0.81	34.00	24.25	1.30	0.21	0.10
MAXIMUM	19.81	27.25	1.59	43.00	30.10	2.30	0.90	0.50
MINIMUM	12.54	25.00	0.56	2.63	15.30	1.00	0.00	0.00
RANGE(MAX-MIN)	7.270	2.250	1.030	40.370	14.800	1.300	0.900	0.500
MEAN	16.116	25.469	0.943	31.149	24.356	1.379	0.309	0.139
STANDARD DEVIATION	1.961	0.718	0.330	8.990	2.880	0.366	0.211	0.162
N SIZE	16.000							

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	THTOT	ATTOT
Avis, Steven	-0.06	-0.65	-0.34	0.15	0.22	-0.76	-0.14	-0.86
Broff, Andy	-1.24	-0.65	-0.13	-0.68	-3.15	-1.03	-0.28	-0.86
Castillo, George	-0.34	-0.65	-0.13	-0.52	0.14	-0.02	0.15	-0.86
Clare, Jamie	-1.14	-0.65	1.96	0.98	1.99	1.64	-0.37	1.30
Forster, Michael	1.33	0.39	-0.37	0.57	-0.12	-0.57	0.91	0.99
Gutzwiller, Jim	0.64	-0.65	1.66	1.32	-0.31	0.60	2.81	2.22
Hurst, Kevin R.	0.35	0.39	-1.16	-0.35	-0.10	-1.03	-0.37	-0.24
Kraemer, Vernon	0.08	-0.65	0.96	0.15	0.05	-0.13	1.53	0.37
Lonsway, Chris	0.21	-0.65	-0.10	-0.18	0.14	-0.27	-0.09	-0.55
May, Marianne	1.88	-0.65	-0.73	-0.02	0.05	-0.84	-0.52	-0.74
Pitta, Jimmy	0.03	1.44	-0.40	0.07	0.05	0.19	-0.14	-0.80
Sanchez, Arthur	0.17	0.39	-1.01	0.57	0.57	-0.98	-0.28	-0.24
Seeck, Christian	0.49	-0.65	-0.82	-3.17	0.74	0.06	-0.56	-0.86
Thomsen, Sven	-1.82	-0.65	1.69	0.73	-0.12	2.52	-1.47	1.61
Veiga, Victor	0.80	1.44	-0.67	0.07	-0.12	0.85	-0.71	-0.24
Zalewski, John	-1.38	2.48	-0.40	0.32	-0.04	-0.22	-0.47	-0.24
MAXIMUM	1.88	2.48	1.96	-3.17	-3.15	2.52	2.81	2.22
MINIMUM	0.03	0.39	-0.10	-0.02	-0.04	-0.02	-0.09	-0.24
RANGE(MAX-MIN)	1.851	2.089	2.058	-3.156	-3.108	2.539	2.898	2.466
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 (2013 October 8-10)

Part ID= C8 - SEQUENCE III

Rated Values

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

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	UCTOT	THTOT	ATTOT
Avis, Steven	16.00	25.00	0.83	32.50	25.00	1.10	0.28	0.00
Castillo, George	15.45	25.00	0.90	26.50	24.75	1.37	0.34	0.00
Clare, Jamie	13.88	25.00	1.59	40.00	30.10	1.98	0.23	0.35
Forster, Michael	18.72	25.75	0.82	36.25	24.01	1.17	0.50	0.30
Gutzwiller, Jim	17.38	25.00	1.49	43.00	23.45	1.60	0.90	0.50
Hurst, Kevin R.	16.80	25.75	0.56	28.00	24.07	1.00	0.23	0.10
Kraemer, Vernon	16.28	25.00	1.26	32.50	24.50	1.33	0.63	0.20
Lonsway, Chris	16.52	25.00	0.91	29.50	24.75	1.28	0.29	0.05
May, Marianne	19.81	25.00	0.70	31.00	24.51	1.07	0.20	0.02
Pitta, Jimmy	16.18	26.50	0.81	31.75	24.50	1.45	0.28	0.01
Sanchez, Arthur	16.44	25.75	0.61	36.25	26.00	1.02	0.25	0.10
Thomsen, Sven	12.54	25.00	1.50	37.75	24.00	2.30	0.00	0.40
Veiga, Victor	17.69	26.50	0.72	31.75	24.01	1.69	0.16	0.10
Zalewski, John	13.41	27.25	0.81	34.00	24.25	1.30	0.21	0.10
MAXIMUM	19.81	27.25	1.59	43.00	30.10	2.30	0.90	0.50
MINIMUM	12.54	25.00	0.56	26.50	23.45	1.00	0.00	0.00
RANGE(MAX-MIN)	7.270	2.250	1.030	16.500	6.650	1.300	0.900	0.500
MEAN	16.221	25.536	0.965	33.625	24.850	1.404	0.321	0.159
STANDARD DEVIATION	1.974	0.746	0.346	4.602	1.626	0.378	0.223	0.164
N SIZE	14.000							

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	THTOT	ATTOT
Avis, Steven	-0.11	-0.72	-0.39	-0.24	0.09	-0.80	-0.19	-0.97
Castillo, George	-0.39	-0.72	-0.19	-1.55	-0.06	-0.09	0.08	-0.97
Clare, Jamie	-1.19	-0.72	1.81	1.39	3.23	1.52	-0.41	1.16
Forster, Michael	1.27	0.29	-0.42	0.57	-0.52	-0.62	0.80	0.86
Gutzwiller, Jim	0.59	-0.72	1.52	2.04	-0.86	0.52	2.60	2.08
Hurst, Kevin R.	0.29	0.29	-1.17	-1.22	-0.48	-1.07	-0.41	-0.36
Kraemer, Vernon	0.03	-0.72	0.85	-0.24	-0.22	-0.20	1.39	0.25
Lonsway, Chris	0.15	-0.72	-0.16	-0.90	-0.06	-0.33	-0.14	-0.67
May, Marianne	1.82	-0.72	-0.77	-0.57	-0.21	-0.88	-0.55	-0.85
Pitta, Jimmy	-0.02	1.29	-0.45	-0.41	-0.22	0.12	-0.19	-0.91
Sanchez, Arthur	0.11	0.29	-1.03	0.57	0.71	-1.02	-0.32	-0.36
Thomsen, Sven	-1.86	-0.72	1.55	0.90	-0.52	2.37	-1.44	1.47
Veiga, Victor	0.74	1.29	-0.71	-0.41	-0.52	0.76	-0.72	-0.36
Zalewski, John	-1.42	2.30	-0.45	0.08	-0.37	-0.28	-0.50	-0.36
MAXIMUM	-1.86	2.30	1.81	2.04	3.23	2.37	2.60	2.08
MINIMUM	-0.02	0.29	-0.16	0.08	-0.06	-0.09	0.08	0.25
RANGE(MAX-MIN)	-1.844	2.011	1.967	1.956	3.291	2.459	2.514	1.828
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 (2013 October 8-10)

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
Barrera, Tony	1.21	1.29	1.31	1.48	1.19	1.42	1.76	1.64
DeCapite, Vanessa	0.80	0.90	1.44	1.59	1.03	1.60	1.16	1.17
Guarda, Waldyr	0.87	0.72	1.01	1.42	1.17	1.27	1.11	1.40
Hill, Howard P.	0.90	0.95	1.52	1.43	1.23	1.09	1.08	1.28
Hurst, Kevin R.	1.05	1.00	1.24	1.31	1.01	1.16	1.32	1.21
Lopez, Frank	1.19	1.13	2.04	1.99	1.09	1.47	1.64	1.59
Lowsky, John	1.04	0.96	1.05	1.17	0.97	1.00	1.09	1.23
Rodriguez, Jesus (Jesse)	1.06	1.28	1.68	1.86	1.14	1.34	1.96	1.68
Sanchez, Arthur	0.68	0.72	1.08	1.46	0.76	1.08	1.21	1.21
Seiz, Ray	1.09	1.23	2.01	2.00	1.24	1.54	1.66	1.49
Viera, Ralph B.	1.28	1.14	2.18	2.02	1.21	1.58	1.59	1.58
Xu, Ting Hai	1.69	1.60	2.05	2.38	1.44	1.78	2.26	2.20
MAXIMUM	1.69	1.60	2.18	2.38	1.44	1.78	2.26	2.20
MINIMUM	0.68	0.72	1.01	1.17	0.76	1.00	1.08	1.17
RANGE(MAX-MIN)	1.010	0.880	1.170	1.210	0.680	0.780	1.180	1.030
MEAN	1.072	1.077	1.551	1.676	1.123	1.361	1.487	1.473
STANDARD DEVIATION	0.263	0.254	0.431	0.364	0.170	0.245	0.386	0.295
N SIZE	12.000							

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
Barrera, Tony	0.53	0.84	-0.56	-0.54	0.39	0.24	0.71	0.57
DeCapite, Vanessa	-1.03	-0.69	-0.26	-0.24	-0.55	0.98	-0.85	-1.03
Guarda, Waldyr	-0.77	-1.40	-1.25	-0.70	0.27	-0.37	-0.98	-0.25
Hill, Howard P.	-0.65	-0.50	-0.07	-0.67	0.63	-1.11	-1.05	-0.66
Hurst, Kevin R.	-0.08	-0.30	-0.72	-1.00	-0.67	-0.82	-0.43	-0.89
Lopez, Frank	0.45	0.21	1.13	0.86	-0.20	0.45	0.40	0.40
Lowsky, John	-0.12	-0.46	-1.16	-1.39	-0.90	-1.47	-1.03	-0.83
Rodriguez, Jesus (Jesse)	-0.04	0.80	0.30	0.51	0.10	-0.09	1.23	0.70
Sanchez, Arthur	-1.49	-1.40	-1.09	-0.59	-2.14	-1.15	-0.72	-0.89
Seiz, Ray	0.07	0.60	1.07	0.89	0.69	0.73	0.45	0.06
Viera, Ralph B.	0.79	0.25	1.46	0.94	0.51	0.89	0.27	0.36
Xu, Ting Hai	2.36	2.06	1.16	1.93	1.86	1.71	2.00	2.46
MAXIMUM	2.36	2.06	1.46	1.93	-2.14	1.71	2.00	2.46
MINIMUM	-0.04	0.21	-0.07	-0.24	0.10	-0.09	0.27	0.06
RANGE(MAX-MIN)	2.400	1.847	1.531	2.169	-2.235	1.797	1.737	2.408
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 (2013 October 8-10)

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
Avis, Steven	1.18	1.41	1.42	1.39	0.77	1.14	1.42	1.14
Barrera, Tony	1.26	1.38	1.56	1.51	1.08	1.22	1.45	1.51
Broff, Andy	1.35	2.40	2.30	1.87	0.97	1.39	1.27	1.45
Castillo, George	1.70	1.58	1.94	1.87	0.87	1.40	1.61	1.66
Clare, Jamie	1.59	1.97	2.29	2.71	1.57	2.26	2.10	2.07
DeCapite, Vanessa	1.16	1.18	1.89	1.59	0.94	1.57	1.21	1.50
Hill, Howard P.	0.99	1.10	1.03	1.25	0.74	1.08	0.99	0.96
Kraemer, Vernon	1.39	1.49	1.47	1.60	1.23	1.39	1.42	1.45
Lopez, Frank	1.10	1.79	1.91	1.84	0.83	1.14	1.83	1.52
May, Marianne	1.02	1.17	1.41	1.53	0.82	1.15	1.50	1.62
Sanchez, Arthur	0.82	0.88	1.21	1.12	0.62	0.96	1.08	1.00
Veiga, Victor	0.77	0.83	1.25	0.81	0.77	0.91	1.07	1.08
Viera, Ralph B.	1.16	1.52	2.04	1.68	0.87	1.57	1.81	1.32
Zalewski, John	1.01	1.12	1.32	1.23	0.51	0.89	1.05	1.19
MAXIMUM	1.70	2.40	2.30	2.71	1.57	2.26	2.10	2.07
MINIMUM	0.77	0.83	1.03	0.81	0.51	0.89	0.99	0.96
RANGE(MAX-MIN)	0.930	1.570	1.270	1.900	1.060	1.370	1.110	1.110
MEAN	1.179	1.416	1.646	1.571	0.899	1.291	1.415	1.391
STANDARD DEVIATION	0.265	0.429	0.411	0.447	0.263	0.357	0.334	0.301
N SIZE	14.000							

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
Avis, Steven	0.01	-0.01	-0.55	-0.41	-0.49	-0.42	0.02	-0.83
Barrera, Tony	0.31	-0.08	-0.21	-0.14	0.69	-0.20	0.10	0.40
Broff, Andy	0.65	2.29	1.59	0.67	0.27	0.28	-0.43	0.20
Castillo, George	1.97	0.38	0.72	0.67	-0.11	0.31	0.58	0.89
Clare, Jamie	1.55	1.29	1.57	2.55	2.55	2.72	2.05	2.26
DeCapite, Vanessa	-0.07	-0.55	0.60	0.04	0.15	0.78	-0.61	0.36
Hill, Howard P.	-0.71	-0.74	-1.50	-0.72	-0.61	-0.59	-1.27	-1.43
Kraemer, Vernon	0.80	0.17	-0.43	0.06	1.26	0.28	0.02	0.20
Lopez, Frank	-0.30	0.87	0.64	0.60	-0.26	-0.42	1.24	0.43
May, Marianne	-0.60	-0.57	-0.57	-0.09	-0.30	-0.39	0.25	0.76
Sanchez, Arthur	-1.35	-1.25	-1.06	-1.01	-1.06	-0.93	-1.00	-1.30
Veiga, Victor	-1.54	-1.36	-0.96	-1.70	-0.49	-1.07	-1.03	-1.03
Viera, Ralph B.	-0.07	0.24	0.96	0.24	-0.11	0.78	1.18	-0.23
Zalewski, John	-0.64	-0.69	-0.79	-0.76	-1.48	-1.12	-1.09	-0.67
MAXIMUM	1.97	2.29	1.59	2.55	2.55	2.72	2.05	2.26
MINIMUM	0.01	-0.01	-0.21	0.04	-0.11	-0.20	0.02	0.20
RANGE(MAX-MIN)	1.962	2.307	1.803	2.504	2.661	2.913	2.035	2.059
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 (2013 October 8-10)

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
Avis, Steven	1.16	1.32	1.27	1.33	0.95	1.29	1.34	1.40
Broff, Andy	1.20	1.35	1.64	2.15	1.15	1.98	2.15	2.29
Castillo, George	1.55	1.63	1.81	2.14	1.63	2.03	2.19	1.67
Guarda, Waldyr	1.19	1.24	1.50	1.52	1.03	1.11	1.46	1.44
Hurst, Kevin R.	1.21	1.26	1.30	1.38	0.90	1.25	1.35	1.39
Kraemer, Vernon	1.47	1.30	1.61	1.45	1.53	1.54	1.60	1.39
Lowsky, John	1.24	1.26	1.31	1.18	1.00	1.25	1.30	1.23
May, Marianne	0.99	1.26	1.30	1.65	1.22	1.59	1.71	1.84
Rodriguez, Jesus (Jesse)	1.77	1.59	1.87	2.05	1.35	1.67	2.17	1.86
Seiz, Ray	1.34	1.93	2.30	2.03	1.46	1.93	2.15	1.77
Veiga, Victor	1.16	1.41	1.27	1.20	0.71	1.08	1.38	0.97
Xu, Ting Hai	1.78	1.79	2.26	2.01	1.64	1.88	1.96	1.92
Zalewski, John	1.15	1.29	1.33	1.27	0.87	1.00	1.23	1.32
MAXIMUM	1.78	1.93	2.30	2.15	1.64	2.03	2.19	2.29
MINIMUM	0.99	1.24	1.27	1.18	0.71	1.00	1.23	0.97
RANGE(MAX-MIN)	0.790	0.690	1.030	0.970	0.930	1.030	0.960	1.320
MEAN	1.324	1.433	1.598	1.643	1.188	1.508	1.692	1.576
STANDARD DEVIATION	0.246	0.228	0.366	0.379	0.309	0.368	0.380	0.353
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
Avis, Steven	-0.67	-0.50	-0.89	-0.83	-0.77	-0.59	-0.92	-0.50
Broff, Andy	-0.50	-0.36	0.12	1.34	-0.12	1.28	1.21	2.02
Castillo, George	0.92	0.86	0.58	1.31	1.43	1.42	1.31	0.27
Guarda, Waldyr	-0.54	-0.85	-0.27	-0.32	-0.51	-1.08	-0.61	-0.39
Hurst, Kevin R.	-0.46	-0.76	-0.81	-0.69	-0.93	-0.70	-0.90	-0.53
Kraemer, Vernon	0.59	-0.58	0.03	-0.51	1.11	0.09	-0.24	-0.53
Lowsky, John	-0.34	-0.76	-0.79	-1.22	-0.61	-0.70	-1.03	-0.98
May, Marianne	-1.35	-0.76	-0.81	0.02	0.10	0.22	0.05	0.75
Rodriguez, Jesus (Jesse)	1.81	0.69	0.74	1.07	0.52	0.44	1.26	0.80
Seiz, Ray	0.07	2.18	1.92	1.02	0.88	1.15	1.21	0.55
Veiga, Victor	-0.67	-0.10	-0.89	-1.17	-1.54	-1.16	-0.82	-1.72
Xu, Ting Hai	1.85	1.57	1.81	0.97	1.46	1.01	0.71	0.97
Zalewski, John	-0.71	-0.63	-0.73	-0.98	-1.03	-1.38	-1.21	-0.73
MAXIMUM	1.85	2.18	1.92	1.34	-1.54	1.42	1.31	2.02
MINIMUM	0.07	-0.10	0.03	0.02	0.10	0.09	0.05	0.27
RANGE(MAX-MIN)	1.786	2.282	1.884	1.319	-1.648	1.331	1.262	1.756
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 (2013 October 8-10)

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	28.75	28.75	18.69	19.97	20.72	3.23	2.98
DeCapite, Vanessa	33.25	33.25	16.68	21.75	20.88	3.66	3.38
Escobar, Wilmar	59.50	39.25	26.57	49.19	42.64	4.10	3.60
Guarda, Waldyr	40.00	29.50	17.10	25.77	17.14	4.27	3.76
Hill, Howard P.	47.50	31.75	15.65	19.55	19.53	4.15	3.75
Hurst, Kevin R.	34.00	32.50	18.81	20.51	19.06	4.03	3.75
Langford, Mike	32.50	33.03	17.73	21.08	16.75	3.65	3.29
Lopez, Frank	32.50	31.51	18.10	21.40	20.87	3.23	3.00
Lowsky, John	34.00	32.50	15.86	18.94	17.45	3.45	3.30
Potocar, William P	34.00	34.75	18.84	18.66	20.03	4.55	4.53
Sanchez, Arthur	32.50	32.50	16.16	21.49	17.40	2.96	2.97
Seeck, Christian	39.25	33.25	16.82	20.85	15.54	4.12	4.19
Veiga, Victor	34.00	27.25	16.98	19.96	19.96	3.16	2.85
Viera, Ralph B.	32.50	28.00	17.10	19.16	19.21	3.36	3.15
Zalewski, John	77.50	37.50	17.57	18.60	17.27	3.69	3.58
MAXIMUM	77.50	39.25	26.57	49.19	42.64	4.55	4.53
MINIMUM	28.75	27.25	15.65	18.60	15.54	2.96	2.85
RANGE(MAX-MIN)	48.750	12.000	10.920	30.590	27.100	1.590	1.680
MEAN	39.450	32.353	17.911	22.459	20.297	3.707	3.472
STANDARD DEVIATION	13.038	3.264	2.601	7.606	6.405	0.475	0.477
N SIZE	15.000						

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	-0.82	-1.10	0.30	-0.33	0.07	-1.01	-1.03
DeCapite, Vanessa	-0.48	0.27	-0.47	-0.09	0.09	-0.10	-0.19
Escobar, Wilmar	1.54	2.11	3.33	3.51	3.49	0.83	0.27
Guarda, Waldyr	0.04	-0.87	-0.31	0.44	-0.49	1.18	0.60
Hill, Howard P.	0.62	-0.18	-0.87	-0.38	-0.12	0.93	0.58
Hurst, Kevin R.	-0.42	0.05	0.35	-0.26	-0.19	0.68	0.58
Langford, Mike	-0.53	0.21	-0.07	-0.18	-0.55	-0.12	-0.38
Lopez, Frank	-0.53	-0.26	0.07	-0.14	0.09	-1.01	-0.99
Lowsky, John	-0.42	0.05	-0.79	-0.46	-0.44	-0.54	-0.36
Potocar, William P	-0.42	0.73	0.36	-0.50	-0.04	1.77	2.22
Sanchez, Arthur	-0.53	0.05	-0.67	-0.13	-0.45	-1.57	-1.05
Seeck, Christian	-0.02	0.27	-0.42	-0.21	-0.74	0.87	1.51
Veiga, Victor	-0.42	-1.56	-0.36	-0.33	-0.05	-1.15	-1.31
Viera, Ralph B.	-0.53	-1.33	-0.31	-0.43	-0.17	-0.73	-0.68
Zalewski, John	2.92	1.58	-0.13	-0.51	-0.47	-0.04	0.23
MAXIMUM	2.92	2.11	3.33	3.51	3.49	1.77	2.22
MINIMUM	-0.02	0.05	-0.07	-0.09	-0.04	-0.04	-0.19
RANGE(MAX-MIN)	2.934	2.068	3.399	3.608	3.530	1.811	2.413
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 (2013 October 8-10)

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	28.75	28.75	18.69	19.97	20.72	3.23	2.98
DeCapite, Vanessa	33.25	33.25	16.68	21.75	20.88	3.66	3.38
Guarda, Waldyr	40.00	29.50	17.10	25.77	17.14	4.27	3.76
Hill, Howard P.	47.50	31.75	15.65	19.55	19.53	4.15	3.75
Hurst, Kevin R.	34.00	32.50	18.81	20.51	19.06	4.03	3.75
Langford, Mike	32.50	33.03	17.73	21.08	16.75	3.65	3.29
Lopez, Frank	32.50	31.51	18.10	21.40	20.87	3.23	3.00
Lowsky, John	34.00	32.50	15.86	18.94	17.45	3.45	3.30
Potocar, William P	34.00	34.75	18.84	18.66	20.03	4.55	4.53
Sanchez, Arthur	32.50	32.50	16.16	21.49	17.40	2.96	2.97
Seeck, Christian	39.25	33.25	16.82	20.85	15.54	4.12	4.19
Veiga, Victor	34.00	27.25	16.98	19.96	19.96	3.16	2.85
Viera, Ralph B.	32.50	28.00	17.10	19.16	19.21	3.36	3.15
Zalewski, John	77.50	37.50	17.57	18.60	17.27	3.69	3.58
MAXIMUM	77.50	37.50	18.84	25.77	20.88	4.55	4.53
MINIMUM	28.75	27.25	15.65	18.60	15.54	2.96	2.85
RANGE(MAX-MIN)	48.750	10.250	3.190	7.170	5.340	1.590	1.680
MEAN	38.018	31.860	17.292	20.549	18.701	3.679	3.463
STANDARD DEVIATION	12.245	2.748	1.052	1.845	1.743	0.480	0.493
N SIZE	14.000						

Part ID= T1 - FIELD PISTON

T1 YI Values

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

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	FRTOT	RRTOT
Avis, Steven	-0.76	-1.13	1.33	-0.31	1.16	-0.94	-0.98
DeCapite, Vanessa	-0.39	0.51	-0.58	0.65	1.25	-0.04	-0.17
Guarda, Waldyr	0.16	-0.86	-0.18	2.83	-0.90	1.23	0.60
Hill, Howard P.	0.77	-0.04	-1.56	-0.54	0.48	0.98	0.58
Hurst, Kevin R.	-0.33	0.23	1.44	-0.02	0.21	0.73	0.58
Langford, Mike	-0.45	0.43	0.42	0.29	-1.12	-0.06	-0.35
Lopez, Frank	-0.45	-0.13	0.77	0.46	1.24	-0.94	-0.94
Lowsky, John	-0.33	0.23	-1.36	-0.87	-0.72	-0.48	-0.33
Potocar, William P	-0.33	1.05	1.47	-1.02	0.76	1.81	2.16
Sanchez, Arthur	-0.45	0.23	-1.08	0.51	-0.75	-1.50	-1.00
Seeck, Christian	0.10	0.51	-0.45	0.16	-1.81	0.92	1.47
Veiga, Victor	-0.33	-1.68	-0.30	-0.32	0.72	-1.08	-1.24
Viera, Ralph B.	-0.45	-1.40	-0.18	-0.75	0.29	-0.67	-0.63
Zalewski, John	3.22	2.05	0.26	-1.06	-0.82	0.02	0.24
MAXIMUM	3.22	2.05	-1.56	2.83	-1.81	1.81	2.16
MINIMUM	0.10	-0.04	-0.18	-0.02	0.21	0.02	-0.17
RANGE(MAX-MIN)	3.124	2.093	-1.379	2.851	-2.019	1.793	2.332
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	14.000						

HEAVY DUTY RATING WORKSHOP (2013 October 8-10)

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	10.68	33.16	24.14	3.81	5.20
Broff, Andy	43.75	31.70	8.17	51.25	19.40	4.05	5.70
Castillo, George	41.50	27.51	9.05	23.62	24.45	3.99	4.94
Clare, Jamie	40.00	37.65	10.70	25.97	23.85	5.51	4.50
DeCapite, Vanessa	43.75	24.06	12.97	26.93	23.66	4.11	4.57
Hill, Howard P.	42.25	21.29	10.83	32.67	21.91	5.58	4.40
Langford, Mike	41.50	23.80	8.28	22.77	23.48	4.20	3.70
Lowsky, John	41.50	23.76	12.24	22.06	23.32	3.30	4.63
Rodriguez, Jesus (Jesse)	34.75	25.06	12.19	25.12	23.93	3.99	5.11
Sanchez, Arthur	37.75	24.51	8.45	25.28	23.91	3.09	4.89
Seeck, Christian	37.00	23.32	10.41	21.05	21.78	2.88	3.38
Seiz, Ray	36.25	25.33	18.64	34.90	41.58	4.57	5.18
Veiga, Victor	32.50	25.77	15.60	25.09	23.01	3.25	4.21
Xu, Ting Hai	43.00	23.90	16.80	22.24	23.80	5.22	4.49
Zalewski, John	43.00	48.76	11.45	39.03	23.37	4.20	4.82
MAXIMUM	43.75	48.76	18.64	51.25	41.58	5.58	5.70
MINIMUM	32.50	21.29	8.17	21.05	19.40	2.88	3.38
RANGE(MAX-MIN)	11.250	27.470	10.470	30.200	22.180	2.700	2.320
MEAN	39.850	27.397	11.764	28.743	24.373	4.117	4.648
STANDARD DEVIATION	3.486	7.133	3.137	8.206	4.928	0.830	0.591
N SIZE	15.000						

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	-0.17	-0.40	-0.35	0.54	-0.05	-0.37	0.93
Broff, Andy	1.12	0.60	-1.15	2.74	-1.01	-0.08	1.78
Castillo, George	0.47	0.02	-0.87	-0.62	0.02	-0.15	0.49
Clare, Jamie	0.04	1.44	-0.34	-0.34	-0.11	1.68	-0.25
DeCapite, Vanessa	1.12	-0.47	0.38	-0.22	-0.14	-0.01	-0.13
Hill, Howard P.	0.69	-0.86	-0.30	0.48	-0.50	1.76	-0.42
Langford, Mike	0.47	-0.50	-1.11	-0.73	-0.18	0.10	-1.60
Lowsky, John	0.47	-0.51	0.15	-0.81	-0.21	-0.98	-0.03
Rodriguez, Jesus (Jesse)	-1.46	-0.33	0.14	-0.44	-0.09	-0.15	0.78
Sanchez, Arthur	-0.60	-0.40	-1.06	-0.42	-0.09	-1.24	0.41
Seeck, Christian	-0.82	-0.57	-0.43	-0.94	-0.53	-1.49	-2.14
Seiz, Ray	-1.03	-0.29	2.19	0.75	3.49	0.55	0.90
Veiga, Victor	-2.11	-0.23	1.22	-0.45	-0.28	-1.04	-0.74
Xu, Ting Hai	0.90	-0.49	1.61	-0.79	-0.12	1.33	-0.27
Zalewski, John	0.90	2.99	-0.10	1.25	-0.20	0.10	0.29
MAXIMUM	-2.11	2.99	2.19	2.74	3.49	1.76	-2.14
MINIMUM	0.04	0.02	-0.10	-0.22	0.02	-0.01	-0.03
RANGE(MAX-MIN)	-2.152	2.979	2.292	2.964	3.476	1.770	-2.114
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 (2013 October 8-10)

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	10.68	33.16	24.14	3.81	5.20
Broff, Andy	43.75	31.70	8.17	51.25	19.40	4.05	5.70
Castillo, George	41.50	27.51	9.05	23.62	24.45	3.99	4.94
Clare, Jamie	40.00	37.65	10.70	25.97	23.85	5.51	4.50
DeCapite, Vanessa	43.75	24.06	12.97	26.93	23.66	4.11	4.57
Hill, Howard P.	42.25	21.29	10.83	32.67	21.91	5.58	4.40
Langford, Mike	41.50	23.80	8.28	22.77	23.48	4.20	3.70
Lowsky, John	41.50	23.76	12.24	22.06	23.32	3.30	4.63
Rodriguez, Jesus (Jesse)	34.75	25.06	12.19	25.12	23.93	3.99	5.11
Sanchez, Arthur	37.75	24.51	8.45	25.28	23.91	3.09	4.89
Seeck, Christian	37.00	23.32	10.41	21.05	21.78	2.88	3.38
Veiga, Victor	32.50	25.77	15.60	25.09	23.01	3.25	4.21
Xu, Ting Hai	43.00	23.90	16.80	22.24	23.80	5.22	4.49
Zalewski, John	43.00	48.76	11.45	39.03	23.37	4.20	4.82
MAXIMUM	43.75	48.76	16.80	51.25	24.45	5.58	5.70
MINIMUM	32.50	21.29	8.17	21.05	19.40	2.88	3.38
RANGE(MAX-MIN)	11.250	27.470	8.630	30.200	5.050	2.700	2.320
MEAN	40.107	27.545	11.273	28.303	23.144	4.084	4.610
STANDARD DEVIATION	3.466	7.379	2.588	8.330	1.322	0.852	0.594
N SIZE	14.000						

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	-0.25	-0.41	-0.23	0.58	0.75	-0.32	0.99
Broff, Andy	1.05	0.56	-1.20	2.75	-2.83	-0.04	1.83
Castillo, George	0.40	0.00	-0.86	-0.56	0.99	-0.11	0.56
Clare, Jamie	-0.03	1.37	-0.22	-0.28	0.53	1.67	-0.19
DeCapite, Vanessa	1.05	-0.47	0.66	-0.16	0.39	0.03	-0.07
Hill, Howard P.	0.62	-0.85	-0.17	0.52	-0.93	1.76	-0.35
Langford, Mike	0.40	-0.51	-1.16	-0.66	0.25	0.14	-1.53
Lowsky, John	0.40	-0.51	0.37	-0.75	0.13	-0.92	0.03
Rodriguez, Jesus (Jesse)	-1.55	-0.34	0.35	-0.38	0.60	-0.11	0.84
Sanchez, Arthur	-0.68	-0.41	-1.09	-0.36	0.58	-1.17	0.47
Seeck, Christian	-0.90	-0.57	-0.33	-0.87	-1.03	-1.41	-2.07
Veiga, Victor	-2.19	-0.24	1.67	-0.39	-0.10	-0.98	-0.67
Xu, Ting Hai	0.83	-0.49	2.14	-0.73	0.50	1.33	-0.20
Zalewski, John	0.83	2.88	0.07	1.29	0.17	0.14	0.35
MAXIMUM	-2.19	2.88	2.14	2.75	-2.83	1.76	-2.07
MINIMUM	-0.03	0.00	0.07	-0.16	-0.10	0.03	0.03
RANGE(MAX-MIN)	-2.164	2.880	2.067	2.920	-2.731	1.726	-2.103
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	14.000						

HEAVY DUTY RATING WORKSHOP (2013 October 8-10)

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
Avis, Steven	28.75	25.00	11.09	19.07	15.73	3.50	3.96
Broff, Andy	24.52	25.00	9.22	18.85	15.60	3.28	3.75
Castillo, George	30.25	25.00	11.58	16.70	12.90	3.45	3.70
Guarda, Waldyr	38.50	29.50	9.84	17.85	13.33	4.46	3.94
Hurst, Kevin R.	29.26	25.00	13.16	19.28	13.63	4.14	4.21
Lopez, Frank	31.00	26.50	10.64	19.35	14.33	3.28	3.04
Lowsky, John	51.25	25.00	9.63	17.39	15.65	3.53	3.53
Potocar, William P	25.00	25.00	11.10	20.60	14.59	3.83	4.25
Rodriguez, Jesus (Jesse)	28.75	25.00	11.35	15.21	17.24	3.40	3.89
Seeck, Christian	51.25	25.00	12.27	15.45	15.47	5.60	3.28
Seiz, Ray	98.01	99.01	22.99	24.97	15.67	2.99	3.72
Viera, Ralph B.	38.50	26.05	11.24	23.49	24.16	5.25	4.59
Xu, Ting Hai	40.00	25.00	11.10	12.94	16.74	3.48	3.77
MAXIMUM	98.01	99.01	22.99	24.97	24.16	5.60	4.59
MINIMUM	24.52	25.00	9.22	12.94	12.90	2.99	3.04
RANGE(MAX-MIN)	73.490	74.010	13.770	12.030	11.260	2.610	1.550
MEAN	39.618	31.235	11.939	18.550	15.772	3.861	3.818
STANDARD DEVIATION	19.643	20.404	3.484	3.277	2.827	0.795	0.407
N SIZE	13.000						

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
Avis, Steven	-0.55	-0.31	-0.24	0.16	-0.02	-0.45	0.35
Broff, Andy	-0.77	-0.31	-0.78	0.09	-0.06	-0.73	-0.17
Castillo, George	-0.48	-0.31	-0.10	-0.56	-1.02	-0.52	-0.29
Guarda, Waldyr	-0.06	-0.09	-0.60	-0.21	-0.86	0.75	0.30
Hurst, Kevin R.	-0.53	-0.31	0.35	0.22	-0.76	0.35	0.96
Lopez, Frank	-0.44	-0.23	-0.37	0.24	-0.51	-0.73	-1.91
Lowsky, John	0.59	-0.31	-0.66	-0.35	-0.04	-0.42	-0.71
Potocar, William P	-0.74	-0.31	-0.24	0.63	-0.42	-0.04	1.06
Rodriguez, Jesus (Jesse)	-0.55	-0.31	-0.17	-1.02	0.52	-0.58	0.18
Seeck, Christian	0.59	-0.31	0.09	-0.95	-0.11	2.19	-1.32
Seiz, Ray	2.97	3.32	3.17	1.96	-0.04	-1.09	-0.24
Viera, Ralph B.	-0.06	-0.25	-0.20	1.51	2.97	1.75	1.90
Xu, Ting Hai	0.02	-0.31	-0.24	-1.71	0.34	-0.48	-0.12
MAXIMUM	2.97	3.32	3.17	1.96	2.97	2.19	-1.91
MINIMUM	0.02	-0.09	0.09	0.09	-0.02	-0.04	-0.12
RANGE(MAX-MIN)	2.953	3.407	3.077	1.868	2.982	2.225	-1.795
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 (2013 October 8-10)

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
Avis, Steven	28.75	25.00	11.09	19.07	15.73	3.50	3.96
Broff, Andy	24.52	25.00	9.22	18.85	15.60	3.28	3.75
Castillo, George	30.25	25.00	11.58	16.70	12.90	3.45	3.70
Guarda, Waldyr	38.50	29.50	9.84	17.85	13.33	4.46	3.94
Hurst, Kevin R.	29.26	25.00	13.16	19.28	13.63	4.14	4.21
Lopez, Frank	31.00	26.50	10.64	19.35	14.33	3.28	3.04
Lowsky, John	51.25	25.00	9.63	17.39	15.65	3.53	3.53
Potocar, William P	25.00	25.00	11.10	20.60	14.59	3.83	4.25
Rodriguez, Jesus (Jesse)	28.75	25.00	11.35	15.21	17.24	3.40	3.89
Seeck, Christian	51.25	25.00	12.27	15.45	15.47	5.60	3.28
Xu, Ting Hai	40.00	25.00	11.10	12.94	16.74	3.48	3.77
MAXIMUM	51.25	29.50	13.16	20.60	17.24	5.60	4.25
MINIMUM	24.52	25.00	9.22	12.94	12.90	3.28	3.04
RANGE(MAX-MIN)	26.730	4.500	3.940	7.660	4.340	2.320	1.210
MEAN	34.412	25.545	10.998	17.517	15.019	3.814	3.756
STANDARD DEVIATION	9.597	1.387	1.153	2.269	1.388	0.698	0.366
N SIZE	11.000						

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
Avis, Steven	-0.59	-0.39	0.08	0.68	0.51	-0.45	0.56
Broff, Andy	-1.03	-0.39	-1.54	0.59	0.42	-0.76	-0.02
Castillo, George	-0.43	-0.39	0.50	-0.36	-1.53	-0.52	-0.15
Guarda, Waldyr	0.43	2.85	-1.00	0.15	-1.22	0.93	0.50
Hurst, Kevin R.	-0.54	-0.39	1.88	0.78	-1.00	0.47	1.24
Lopez, Frank	-0.36	0.69	-0.31	0.81	-0.50	-0.76	-1.96
Lowsky, John	1.75	-0.39	-1.19	-0.06	0.45	-0.41	-0.62
Potocar, William P	-0.98	-0.39	0.09	1.36	-0.31	0.02	1.35
Rodriguez, Jesus (Jesse)	-0.59	-0.39	0.31	-1.02	1.60	-0.59	0.37
Seeck, Christian	1.75	-0.39	1.10	-0.91	0.32	2.56	-1.30
Xu, Ting Hai	0.58	-0.39	0.09	-2.02	1.24	-0.48	0.04
MAXIMUM	1.75	2.85	1.88	-2.02	1.60	2.56	-1.96
MINIMUM	-0.36	-0.39	0.08	-0.06	-0.31	0.02	-0.02
RANGE(MAX-MIN)	2.110	3.245	1.796	-1.961	1.909	2.534	-1.942
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 (2013 October 8-10)

Part ID= X1 - DV4 PISTON

Rated Values

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

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT
DeCapite, Vanessa	27.25	16.66	0.05	11.51	0.05
Escobar, Wilmar	95.50	11.00	1.00	16.33	1.00
Foecking, Brian	26.50	16.61	0.01	11.18	0.01
Guarda, Waldyr	28.75	21.69	0.34	9.10	0.30
Hill, Howard P.	28.75	11.39	0.18	12.82	0.11
Hurst, Kevin R.	27.25	13.67	0.36	12.72	0.80
Kobrinetz, Joaquin J.	28.00	13.26	0.13	11.63	0.08
Langford, Mike	34.00	18.15	0.20	10.30	0.20
Lonsway, Chris	28.00	11.36	0.15	10.34	0.20
Lopez, Frank	26.50	17.65	0.20	8.52	0.20
Lowsky, John	31.00	11.58	0.35	10.06	0.52
Potocar, William P	26.50	13.64	0.20	10.25	0.20
Rodriguez, Jesus (Jesse)	27.25	16.46	0.20	11.21	0.13
Seeck, Christian	31.75	11.42	0.00	9.32	0.00
Seiz, Ray	34.75	15.09	0.10	11.13	0.10
Veiga, Victor	27.25	11.36	0.38	10.03	0.80
Viera, Ralph B.	28.75	15.60	0.27	8.28	0.06
Xu, Ting Hai	40.75	14.06	0.88	9.87	0.88
MAXIMUM	95.50	21.69	1.00	16.33	1.00
MINIMUM	26.50	11.00	0.00	8.28	0.00
RANGE(MAX-MIN)	69.000	10.690	1.000	8.050	1.000
MEAN	33.250	14.481	0.278	10.811	0.313
STANDARD DEVIATION	15.974	2.993	0.267	1.869	0.331
N SIZE	18.000				

Part ID= X1 - DV4 PISTON

X1 Y1 Values

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

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT
DeCapite, Vanessa	-0.38	0.73	-0.85	0.37	-0.80
Escobar, Wilmar	3.90	-1.16	2.70	2.95	2.08
Foecking, Brian	-0.42	0.71	-1.00	0.20	-0.92
Guarda, Waldyr	-0.28	2.41	0.23	-0.92	-0.04
Hill, Howard P.	-0.28	-1.03	-0.37	1.08	-0.61
Hurst, Kevin R.	-0.38	-0.27	0.31	1.02	1.47
Kobrinetz, Joaquin J.	-0.33	-0.41	-0.55	0.44	-0.71
Langford, Mike	0.05	1.23	-0.29	-0.27	-0.34
Lonsway, Chris	-0.33	-1.04	-0.48	-0.25	-0.34
Lopez, Frank	-0.42	1.06	-0.29	-1.23	-0.34
Lowsky, John	-0.14	-0.97	0.27	-0.40	0.62
Potocar, William P	-0.42	-0.28	-0.29	-0.30	-0.34
Rodriguez, Jesus (Jesse)	-0.38	0.66	-0.29	0.21	-0.55
Seeck, Christian	-0.09	-1.02	-1.04	-0.80	-0.95
Seiz, Ray	0.09	0.20	-0.67	0.17	-0.65
Veiga, Victor	-0.38	-1.04	0.38	-0.42	1.47
Viera, Ralph B.	-0.28	0.37	-0.03	-1.35	-0.77
Xu, Ting Hai	0.47	-0.14	2.25	-0.50	1.71
MAXIMUM	3.90	2.41	2.70	2.95	2.08
MINIMUM	0.05	-0.14	-0.03	0.17	-0.04
RANGE(MAX-MIN)	3.850	2.549	2.731	2.783	2.117
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	18.000				

HEAVY DUTY RATING WORKSHOP (2013 October 8-10)

Part ID= X1 - DV4 PISTON

Rated Values

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

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT
DeCapite, Vanessa	27.25	16.66	0.05	11.51	0.05
Foecking, Brian	26.50	16.61	0.01	11.18	0.01
Guarda, Waldyr	28.75	21.69	0.34	9.10	0.30
Hill, Howard P.	28.75	11.39	0.18	12.82	0.11
Hurst, Kevin R.	27.25	13.67	0.36	12.72	0.80
Kobrinetz, Joaquin J.	28.00	13.26	0.13	11.63	0.08
Langford, Mike	34.00	18.15	0.20	10.30	0.20
Lonsway, Chris	28.00	11.36	0.15	10.34	0.20
Lopez, Frank	26.50	17.65	0.20	8.52	0.20
Lowsky, John	31.00	11.58	0.35	10.06	0.52
Potocar, William P	26.50	13.64	0.20	10.25	0.20
Rodriguez, Jesus (Jesse)	27.25	16.46	0.20	11.21	0.13
Seeck, Christian	31.75	11.42	0.00	9.32	0.00
Seiz, Ray	34.75	15.09	0.10	11.13	0.10
Veiga, Víctor	27.25	11.36	0.38	10.03	0.80
Viera, Ralph B.	28.75	15.60	0.27	8.28	0.06
Xu, Ting Hai	40.75	14.06	0.88	9.87	0.88
MAXIMUM	40.75	21.69	0.88	12.82	0.88
MINIMUM	26.50	11.36	0.00	8.28	0.00
RANGE(MAX-MIN)	14.250	10.330	0.880	4.540	0.880
MEAN	29.588	14.685	0.235	10.486	0.273
STANDARD DEVIATION	3.832	2.952	0.204	1.302	0.292
N SIZE	17.000				

Part ID= X1 - DV4 PISTON

X1 Y1 Values

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

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT
DeCapite, Vanessa	-0.61	0.67	-0.91	0.79	-0.76
Foecking, Brian	-0.81	0.65	-1.11	0.53	-0.90
Guarda, Waldyr	-0.22	2.37	0.51	-1.07	0.09
Hill, Howard P.	-0.22	-1.12	-0.27	1.79	-0.56
Hurst, Kevin R.	-0.61	-0.34	0.61	1.72	1.81
Kobrinetz, Joaquin J.	-0.41	-0.48	-0.52	0.88	-0.66
Langford, Mike	1.15	1.17	-0.17	-0.14	-0.25
Lonsway, Chris	-0.41	-1.13	-0.42	-0.11	-0.25
Lopez, Frank	-0.81	1.00	-0.17	-1.51	-0.25
Lowsky, John	0.37	-1.05	0.56	-0.33	0.85
Potocar, William P	-0.81	-0.35	-0.17	-0.18	-0.25
Rodriguez, Jesus (Jesse)	-0.61	0.60	-0.17	0.56	-0.49
Seeck, Christian	0.56	-1.11	-1.16	-0.90	-0.94
Seiz, Ray	1.35	0.14	-0.66	0.49	-0.59
Veiga, Víctor	-0.61	-1.13	0.71	-0.35	1.81
Viera, Ralph B.	-0.22	0.31	0.17	-1.70	-0.73
Xu, Ting Hai	2.91	-0.21	3.17	-0.47	2.08
MAXIMUM	2.91	2.37	3.17	1.79	2.08
MINIMUM	-0.22	0.14	0.17	-0.11	0.09
RANGE(MAX-MIN)	3.131	2.236	2.998	1.905	1.989
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 (2013 October 8-10)

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	30.25	22.09	0.48	37.42	0.10
Broff, Andy	32.50	12.90	0.00	20.00	0.00
Castillo, George	31.00	22.15	0.32	22.59	0.26
DeCapite, Vanessa	31.54	22.00	0.58	27.74	0.24
Hill, Howard P.	29.50	21.46	0.58	48.01	0.48
Kobrinetz, Joaquin J.	28.51	23.45	0.31	26.86	0.16
Kraemer, Vernon	37.75	57.38	26.50	69.54	26.50
Langford, Mike	35.50	23.97	2.05	24.64	0.25
Lonsway, Chris	28.75	22.12	0.20	39.09	0.20
Lopez, Frank	28.75	23.29	0.38	26.13	0.20
Potocar, William P	27.25	22.92	0.47	28.09	0.20
Sanchez, Arthur	28.00	22.31	0.39	25.63	0.31
Seeck, Christian	31.75	20.60	0.28	22.70	0.03
Veiga, Victor	35.50	24.05	0.44	41.62	0.45
Viera, Ralph B.	27.25	23.85	0.45	27.46	0.51
Zalewski, John	30.25	23.13	0.68	70.89	0.21
MAXIMUM	37.75	57.38	26.50	70.89	26.50
MINIMUM	27.25	12.90	0.00	20.00	0.00
RANGE(MAX-MIN)	10.500	44.480	26.500	50.890	26.500
MEAN	30.878	24.229	2.132	34.901	1.881
STANDARD DEVIATION	3.117	9.219	6.513	15.799	6.567
N SIZE	16.000				

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	-0.20	-0.23	-0.25	0.16	-0.27
Broff, Andy	0.52	-1.23	-0.33	-0.94	-0.29
Castillo, George	0.04	-0.23	-0.28	-0.78	-0.25
DeCapite, Vanessa	0.21	-0.24	-0.24	-0.45	-0.25
Hill, Howard P.	-0.44	-0.30	-0.24	0.83	-0.21
Kobrinetz, Joaquin J.	-0.76	-0.08	-0.28	-0.51	-0.26
Kraemer, Vernon	2.20	3.60	3.74	2.19	3.75
Langford, Mike	1.48	-0.03	-0.01	-0.65	-0.25
Lonsway, Chris	-0.68	-0.23	-0.30	0.27	-0.26
Lopez, Frank	-0.68	-0.10	-0.27	-0.56	-0.26
Potocar, William P	-1.16	-0.14	-0.26	-0.43	-0.26
Sanchez, Arthur	-0.92	-0.21	-0.27	-0.59	-0.24
Seeck, Christian	0.28	-0.39	-0.28	-0.77	-0.28
Veiga, Victor	1.48	-0.02	-0.26	0.43	-0.22
Viera, Ralph B.	-1.16	-0.04	-0.26	-0.47	-0.21
Zalewski, John	-0.20	-0.12	-0.22	2.28	-0.25
MAXIMUM	2.20	3.60	3.74	2.28	3.75
MINIMUM	0.04	-0.02	-0.01	0.16	-0.21
RANGE(MAX-MIN)	2.165	3.615	3.754	2.118	3.958
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 (2013 October 8-10)

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	30.25	22.09	0.48	37.42	0.10
Broff, Andy	32.50	12.90	0.00	20.00	0.00
Castillo, George	31.00	22.15	0.32	22.59	0.26
DeCapite, Vanessa	31.54	22.00	0.58	27.74	0.24
Hill, Howard P.	29.50	21.46	0.58	48.01	0.48
Kobrinetz, Joaquin J.	28.51	23.45	0.31	26.86	0.16
Langford, Mike	35.50	23.97	2.05	24.64	0.25
Lonsway, Chris	28.75	22.12	0.20	39.09	0.20
Lopez, Frank	28.75	23.29	0.38	26.13	0.20
Potocar, William P	27.25	22.92	0.47	28.09	0.20
Sanchez, Arthur	28.00	22.31	0.39	25.63	0.31
Seeck, Christian	31.75	20.60	0.28	22.70	0.03
Veiga, Victor	35.50	24.05	0.44	41.62	0.45
Viera, Ralph B.	27.25	23.85	0.45	27.46	0.51
Zalewski, John	30.25	23.13	0.68	70.89	0.21
MAXIMUM	35.50	24.05	2.05	70.89	0.51
MINIMUM	27.25	12.90	0.00	20.00	0.00
RANGE(MAX-MIN)	8.250	11.150	2.050	50.890	0.510
MEAN	30.420	22.019	0.507	32.591	0.240
STANDARD DEVIATION	2.610	2.707	0.458	13.268	0.150
N SIZE	15.000				

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	-0.07	0.03	-0.06	0.36	-0.94
Broff, Andy	0.80	-3.37	-1.11	-0.95	-1.60
Castillo, George	0.22	0.05	-0.41	-0.75	0.13
DeCapite, Vanessa	0.43	-0.01	0.16	-0.37	0.00
Hill, Howard P.	-0.35	-0.21	0.16	1.16	1.60
Kobrinetz, Joaquin J.	-0.73	0.53	-0.43	-0.43	-0.53
Langford, Mike	1.95	0.72	3.37	-0.60	0.07
Lonsway, Chris	-0.64	0.04	-0.67	0.49	-0.27
Lopez, Frank	-0.64	0.47	-0.28	-0.49	-0.27
Potocar, William P	-1.21	0.33	-0.08	-0.34	-0.27
Sanchez, Arthur	-0.93	0.11	-0.26	-0.52	0.47
Seeck, Christian	0.51	-0.52	-0.50	-0.75	-1.40
Veiga, Victor	1.95	0.75	-0.15	0.68	1.40
Viera, Ralph B.	-1.21	0.68	-0.13	-0.39	1.80
Zalewski, John	-0.07	0.41	0.38	2.89	-0.20
MAXIMUM	1.95	-3.37	3.37	2.89	1.80
MINIMUM	-0.07	-0.01	-0.06	-0.34	0.00
RANGE(MAX-MIN)	2.011	-3.362	3.427	3.226	1.805
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 (2013 October 8-10)

Part ID= Z1 - DV4 PISTON

Rated Values

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

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT
Avis, Steven	19.07	76.00	16.80	89.50	17.11
Broff, Andy	15.40	15.40	6.93	25.00	21.75
Castillo, George	18.72	73.75	16.27	82.75	22.46
Clare, Jamie	21.55	62.50	15.65	81.25	30.23
Foecking, Brian	18.86	72.25	16.53	87.25	17.31
Guarda, Waldyr	24.96	88.75	18.49	85.00	20.58
Hurst, Kevin R.	18.84	70.00	16.71	85.00	22.59
Kobrinetz, Joaquin J.	20.00	85.00	16.32	77.50	17.96
Lowsky, John	25.00	73.00	16.33	88.00	23.64
Rodriguez, Jesus (Jesse)	19.99	52.00	16.84	65.50	24.02
Sanchez, Arthur	19.72	73.75	14.14	88.75	23.33
Seeck, Christian	17.71	19.24	16.28	25.00	16.72
Seiz, Ray	20.72	64.75	22.87	95.50	24.30
Veiga, Victor	22.08	66.25	18.48	79.00	25.60
Viera, Ralph B.	21.60	70.00	17.11	84.25	17.21
Xu, Ting Hai	21.47	74.50	16.53	75.25	23.43
Zalewski, John	20.01	86.50	17.36	85.00	17.73
MAXIMUM	25.00	88.75	22.87	95.50	30.23
MINIMUM	15.40	15.40	6.93	25.00	16.72
RANGE(MAX-MIN)	9.600	73.350	15.940	70.500	13.510
MEAN	20.335	66.096	16.449	76.441	21.528
STANDARD DEVIATION	2.389	20.414	3.039	20.464	3.764
N SIZE	17.000				

Part ID= Z1 - DV4 PISTON

Z1 Y1 Values

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

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT
Avis, Steven	-0.53	0.49	0.12	0.64	-1.17
Broff, Andy	-2.07	-2.48	-3.13	-2.51	0.06
Castillo, George	-0.68	0.37	-0.06	0.31	0.25
Clare, Jamie	0.51	-0.18	-0.26	0.24	2.31
Foecking, Brian	-0.62	0.30	0.03	0.53	-1.12
Guarda, Waldyr	1.94	1.11	0.67	0.42	-0.25
Hurst, Kevin R.	-0.63	0.19	0.09	0.42	0.28
Kobrinetz, Joaquin J.	-0.14	0.93	-0.04	0.05	-0.95
Lowsky, John	1.95	0.34	-0.04	0.56	0.56
Rodriguez, Jesus (Jesse)	-0.14	-0.69	0.13	-0.53	0.66
Sanchez, Arthur	-0.26	0.37	-0.76	0.60	0.48
Seeck, Christian	-1.10	-2.30	-0.06	-2.51	-1.28
Seiz, Ray	0.16	-0.07	2.11	0.93	0.74
Veiga, Victor	0.73	0.01	0.67	0.13	1.08
Viera, Ralph B.	0.53	0.19	0.22	0.38	-1.15
Xu, Ting Hai	0.48	0.41	0.03	-0.06	0.51
Zalewski, John	-0.14	1.00	0.30	0.42	-1.01
MAXIMUM	-2.07	-2.48	-3.13	-2.51	2.31
MINIMUM	-0.14	0.01	0.03	0.05	0.06
RANGE(MAX-MIN)	-1.930	-2.491	-3.158	-2.565	2.253
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 (2013 October 8-10)

Part ID= Z1 - DV4 PISTON

Rated Values

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

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT
Avis, Steven	19.07	76.00	16.80	89.50	17.11
Castillo, George	18.72	73.75	16.27	82.75	22.46
Clare, Jamie	21.55	62.50	15.65	81.25	30.23
Foecking, Brian	18.86	72.25	16.53	87.25	17.31
Guarda, Waldyr	24.96	88.75	18.49	85.00	20.58
Hurst, Kevin R.	18.84	70.00	16.71	85.00	22.59
Kobrinetz, Joaquin J.	20.00	85.00	16.32	77.50	17.96
Lowsky, John	25.00	73.00	16.33	88.00	23.64
Rodriguez, Jesus (Jesse)	19.99	52.00	16.84	65.50	24.02
Sanchez, Arthur	19.72	73.75	14.14	88.75	23.33
Seeck, Christian	17.71	19.24	16.28	25.00	16.72
Seiz, Ray	20.72	64.75	22.87	95.50	24.30
Veiga, Victor	22.08	66.25	18.48	79.00	25.60
Viera, Ralph B.	21.60	70.00	17.11	84.25	17.21
Xu, Ting Hai	21.47	74.50	16.53	75.25	23.43
Zalewski, John	20.01	86.50	17.36	85.00	17.73
MAXIMUM	25.00	88.75	22.87	95.50	30.23
MINIMUM	17.71	19.24	14.14	25.00	16.72
RANGE(MAX-MIN)	7.290	69.510	8.730	70.500	13.510
MEAN	20.644	69.265	17.044	79.656	21.514
STANDARD DEVIATION	2.088	16.201	1.854	16.102	3.887
N SIZE	16.000				

Part ID= Z1 - DV4 PISTON

Z1 YI Values

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

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT
Avis, Steven	-0.75	0.42	-0.13	0.61	-1.13
Castillo, George	-0.92	0.28	-0.42	0.19	0.24
Clare, Jamie	0.43	-0.42	-0.75	0.10	2.24
Foecking, Brian	-0.85	0.18	-0.28	0.47	-1.08
Guarda, Waldyr	2.07	1.20	0.78	0.33	-0.24
Hurst, Kevin R.	-0.86	0.05	-0.18	0.33	0.28
Kobrinetz, Joaquin J.	-0.31	0.97	-0.39	-0.13	-0.91
Lowsky, John	2.09	0.23	-0.39	0.52	0.55
Rodriguez, Jesus (Jesse)	-0.31	-1.07	-0.11	-0.88	0.64
Sanchez, Arthur	-0.44	0.28	-1.57	0.56	0.47
Seeck, Christian	-1.40	-3.09	-0.41	-3.39	-1.23
Seiz, Ray	0.04	-0.28	3.14	0.98	0.72
Veiga, Victor	0.69	-0.19	0.77	-0.04	1.05
Viera, Ralph B.	0.46	0.05	0.04	0.29	-1.11
Xu, Ting Hai	0.40	0.32	-0.28	-0.27	0.49
Zalewski, John	-0.30	1.06	0.17	0.33	-0.97
MAXIMUM	2.09	-3.09	3.14	-3.39	2.24
MINIMUM	0.04	0.05	0.04	-0.04	-0.24
RANGE(MAX-MIN)	2.050	-3.133	3.108	-3.354	2.483
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 (2013 October 8-10)

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	12.00	38.00	7.00	11.00	8.00	18.00
Castillo, George	12.00	54.00	11.00	14.00	9.00	19.00
Forster, Michael	10.00	26.00	8.00	9.00	7.00	14.00
Guarda, Waldyr	14.00	46.00	8.00	15.00	10.00	20.00
Gutzwiller, Jim	19.00	70.00	16.00	22.00	12.00	32.00
Hill, Howard P.	14.00	49.00	9.00	15.00	12.00	21.00
May, Marianne	13.00	50.00	11.00	14.00	10.00	19.00
Seeck, Christian	8.00	22.00	4.00	8.00	10.00	4.00
Seiz, Ray	20.00	44.00	11.00	16.00	9.00	21.00
Viera, Ralph B.	16.00	42.00	17.00	14.00	14.00	18.00
MAXIMUM	20.00	70.00	17.00	22.00	14.00	32.00
MINIMUM	8.00	22.00	4.00	8.00	7.00	4.00
RANGE(MAX-MIN)	12.000	48.000	13.000	14.000	7.000	28.000
MEAN	13.800	44.100	10.200	13.800	10.100	18.600
STANDARD DEVIATION	3.736	13.699	3.967	3.938	2.079	6.899
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	-0.48	-0.45	-0.81	-0.71	-1.01	-0.09
Castillo, George	-0.48	0.72	0.20	0.05	-0.53	0.06
Forster, Michael	-1.02	-1.32	-0.55	-1.22	-1.49	-0.67
Guarda, Waldyr	0.05	0.14	-0.55	0.30	-0.05	0.20
Gutzwiller, Jim	1.39	1.89	1.46	2.08	0.91	1.94
Hill, Howard P.	0.05	0.36	-0.30	0.30	0.91	0.35
May, Marianne	-0.21	0.43	0.20	0.05	-0.05	0.06
Seeck, Christian	-1.55	-1.61	-1.56	-1.47	-0.05	-2.12
Seiz, Ray	1.66	-0.01	0.20	0.56	-0.53	0.35
Viera, Ralph B.	0.59	-0.15	1.71	0.05	1.88	-0.09
MAXIMUM	1.66	1.89	1.71	2.08	1.88	-2.12
MINIMUM	0.05	-0.01	0.20	0.05	-0.05	0.06
RANGE(MAX-MIN)	1.606	1.898	1.513	2.031	1.924	-2.174
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 (2013 October 8-10)

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	14.00	28.00	10.00	12.00	23.00	6.00
Castillo, George	16.00	32.00	11.00	14.00	22.00	8.00
Forster, Michael	20.00	25.00	11.00	11.00	15.00	6.00
Guarda, Waldyr	14.00	30.00	13.00	18.00	32.00	7.00
Gutzwiller, Jim	18.00	50.00	10.00	12.00	34.00	8.00
Hill, Howard P.	16.00	40.00	12.00	12.00	42.00	10.00
May, Marianne	19.00	27.00	10.00	10.00	24.00	6.00
Seeck, Christian	12.00	18.00	8.00	7.00	10.00	4.00
Seiz, Ray	17.00	38.00	11.00	15.00	28.00	9.00
Viera, Ralph B.	12.00	21.00	10.00	14.00	16.00	7.00
MAXIMUM	20.00	50.00	13.00	18.00	42.00	10.00
MINIMUM	12.00	18.00	8.00	7.00	10.00	4.00
RANGE(MAX-MIN)	8.000	32.000	5.000	11.000	32.000	6.000
MEAN	15.800	30.900	10.600	12.500	24.600	7.100
STANDARD DEVIATION	2.781	9.562	1.350	2.991	9.698	1.729
N SIZE	10.000					

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	-0.65	-0.30	-0.44	-0.17	-0.17	-0.64
Castillo, George	0.07	0.12	0.30	0.50	-0.27	0.52
Forster, Michael	1.51	-0.62	0.30	-0.50	-0.99	-0.64
Guarda, Waldyr	-0.65	-0.09	1.78	1.84	0.76	-0.06
Gutzwiller, Jim	0.79	2.00	-0.44	-0.17	0.97	0.52
Hill, Howard P.	0.07	0.95	1.04	-0.17	1.79	1.68
May, Marianne	1.15	-0.41	-0.44	-0.84	-0.06	-0.64
Seeck, Christian	-1.37	-1.35	-1.93	-1.84	-1.51	-1.79
Seiz, Ray	0.43	0.74	0.30	0.84	0.35	1.10
Viera, Ralph B.	-1.37	-1.04	-0.44	0.50	-0.89	-0.06
MAXIMUM	1.51	2.00	-1.93	1.84	1.79	-1.79
MINIMUM	0.07	-0.09	0.30	-0.17	-0.06	-0.06
RANGE(MAX-MIN)	1.438	2.092	-2.222	2.006	1.856	-1.735
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 (2013 October 8-10)

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	10.00	14.00	12.00	6.00	12.00	17.00
Castillo, George	14.00	11.00	12.00	5.00	20.00	14.00
Forster, Michael	10.00	10.00	15.00	3.00	14.00	11.00
Guarda, Waldyr	16.00	18.00	14.00	6.00	11.00	14.00
Gutzwiller, Jim	20.00	9.00	13.00	2.00	26.00	15.00
May, Marianne	11.00	10.00	11.00	6.00	10.00	14.00
Seeck, Christian	14.00	14.00	12.00	3.00	5.00	12.00
Seiz, Ray	12.00	12.00	11.00	3.00	24.00	20.00
Viera, Ralph B.	19.00	16.00	14.00	16.00	9.00	16.00
MAXIMUM	20.00	18.00	15.00	16.00	26.00	20.00
MINIMUM	10.00	9.00	11.00	2.00	5.00	11.00
RANGE(MAX-MIN)	10.000	9.000	4.000	14.000	21.000	9.000
MEAN	14.000	12.667	12.667	5.556	14.556	14.778
STANDARD DEVIATION	3.708	3.041	1.414	4.216	7.178	2.682
N SIZE	9.000					

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	-1.08	0.44	-0.47	0.11	-0.36	0.83
Castillo, George	0.00	-0.55	-0.47	-0.13	0.76	-0.29
Forster, Michael	-1.08	-0.88	1.65	-0.61	-0.08	-1.41
Guarda, Waldyr	0.54	1.75	0.94	0.11	-0.50	-0.29
Gutzwiller, Jim	1.62	-1.21	0.24	-0.84	1.59	0.08
May, Marianne	-0.81	-0.88	-1.18	0.11	-0.63	-0.29
Seeck, Christian	0.00	0.44	-0.47	-0.61	-1.33	-1.04
Seiz, Ray	-0.54	-0.22	-1.18	-0.61	1.32	1.95
Viera, Ralph B.	1.35	1.10	0.94	2.48	-0.77	0.46
MAXIMUM	1.62	1.75	1.65	2.48	1.59	1.95
MINIMUM	0.00	-0.22	0.24	0.11	-0.08	0.08
RANGE(MAX-MIN)	1.618	1.973	1.414	2.372	1.672	1.864
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	9.000					

HEAVY DUTY RATING WORKSHOP (2013 October 8-10)

Part ID= ISMOP1 - ISM OIL PAN

Rated Values

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

Rater	TOTALS	
Aguirre, Nancy P	9.09	
Avis, Steven	8.74	
Barrera, Tony	8.89	
Broff, Andy	9.59	
Castillo, George	9.11	
Clapperty, Leon	9.14	
Clare, Jamie	9.12	
DeCapite, Vanessa	9.20	
Foecking, Brian	9.26	
Forster, Michael	9.37	
Guarda, Waldyr	9.16	
Gutzwiller, Jim	9.43	
Hill, Howard P.	8.74	
Hurst, Kevin R.	8.56	
Kobrinetz, Joaquin J.	9.03	
Kraemer, Vernon	9.17	
Langford, Mike	9.12	
Lonsway, Chris	9.27	
Lopez, Frank	9.13	
Lowsky, John	8.71	
May, Marianne	9.07	
Potocar, William P	9.20	
Rodriguez, Jesus (Jesse)	9.15	
Sanchez, Arthur	9.13	
Seiz, Ray	9.23	
Terrado, Ken	9.35	
Trevino, Bobby	9.09	
Veiga, Victor	9.18	
Viera, Ralph B.	9.08	
Zalewski, John	9.15	
MAXIMUM	9.59	
MINIMUM	8.56	
RANGE(MAX-MIN)	1.030	
MEAN	9.115	
STANDARD DEVIATION	0.215	
N SIZE	30.000	

HEAVY DUTY RATING WORKSHOP (2013 October 8-10)

Part ID= ISMOP1 - ISM OIL PAN

ISMOP1 Y1 Values

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

Rater	TOTALS	
Aguirre, Nancy P	-0.12	
Avis, Steven	-1.74	
Barrera, Tony	-1.05	
Broff, Andy	2.20	
Castillo, George	-0.02	
Clapperty, Leon	0.11	
Clare, Jamie	0.02	
DeCapite, Vanessa	0.39	
Foecking, Brian	0.67	
Forster, Michael	1.18	
Guarda, Waldyr	0.21	
Gutzwiller, Jim	1.46	
Hill, Howard P.	-1.74	
Hurst, Kevin R.	-2.58	
Kobrinetz, Joaquin J.	-0.40	
Kraemer, Vernon	0.25	
Langford, Mike	0.02	
Lonsway, Chris	0.72	
Lopez, Frank	0.07	
Lowsky, John	-1.88	
May, Marianne	-0.21	
Potocar, William P	0.39	
Rodriguez, Jesus (Jesse)	0.16	
Sanchez, Arthur	0.07	
Seiz, Ray	0.53	
Terrado, Ken	1.09	
Trevino, Bobby	-0.12	
Veiga, Victor	0.30	
Viera, Ralph B.	-0.16	
Zalewski, John	0.16	
MAXIMUM	-2.58	
MINIMUM	0.02	
RANGE(MAX-MIN)	-2.599	
MEAN	0.000	
STANDARD DEVIATION	1.000	
N SIZE	30.000	

HEAVY DUTY RATING WORKSHOP (2013 October 8-10)

Part ID= ISMOP2 - ISM OIL PAN

Rated Values

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

Rater	TOTALS	
Aguirre, Nancy P	8.61	
Avis, Steven	8.61	
Barrera, Tony	8.58	
Broff, Andy	9.27	
Castillo, George	8.59	
Clapperty, Leon	9.03	
Clare, Jamie	9.33	
DeCapite, Vanessa	8.73	
Foecking, Brian	8.70	
Forster, Michael	9.39	
Guarda, Waldyr	8.85	
Gutzwiller, Jim	9.13	
Hill, Howard P.	7.57	
Hurst, Kevin R.	8.64	
Kobrinetz, Joaquin J.	8.87	
Kraemer, Vernon	8.54	
Langford, Mike	9.33	
Lonsway, Chris	8.94	
Lopez, Frank	8.80	
Lowsky, John	8.54	
May, Marianne	8.84	
Potocar, William P	8.79	
Rodriguez, Jesus (Jesse)	8.45	
Sanchez, Arthur	8.25	
Seiz, Ray	8.82	
Terrado, Ken	9.35	
Trevino, Bobby	8.07	
Veiga, Victor	9.14	
Viera, Ralph B.	9.02	
Zalewski, John	9.02	
MAXIMUM	9.39	
MINIMUM	7.57	
RANGE(MAX-MIN)	1.820	
MEAN	8.793	
STANDARD DEVIATION	0.400	
N SIZE	30.000	

HEAVY DUTY RATING WORKSHOP (2013 October 8-10)

Part ID= ISMOP2 - ISM OIL PAN

ISMOP2 Y1 Values

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

Rater	TOTALS	
Aguirre, Nancy P	-0.46	
Avis, Steven	-0.46	
Barrera, Tony	-0.53	
Broff, Andy	1.19	
Castillo, George	-0.51	
Clapperty, Leon	0.59	
Clare, Jamie	1.34	
DeCapite, Vanessa	-0.16	
Foecking, Brian	-0.23	
Forster, Michael	1.49	
Guarda, Waldyr	0.14	
Gutzwiller, Jim	0.84	
Hill, Howard P.	-3.06	
Hurst, Kevin R.	-0.38	
Kobrinetz, Joaquin J.	0.19	
Kraemer, Vernon	-0.63	
Langford, Mike	1.34	
Lonsway, Chris	0.37	
Lopez, Frank	0.02	
Lowsky, John	-0.63	
May, Marianne	0.12	
Potocar, William P	-0.01	
Rodriguez, Jesus (Jesse)	-0.86	
Sanchez, Arthur	-1.36	
Seiz, Ray	0.07	
Terrado, Ken	1.39	
Trevino, Bobby	-1.81	
Veiga, Victor	0.87	
Viera, Ralph B.	0.57	
Zalewski, John	0.57	
MAXIMUM	-3.06	
MINIMUM	-0.01	
RANGE(MAX-MIN)	-3.048	
MEAN	0.000	
STANDARD DEVIATION	1.000	
N SIZE	30.000	

HEAVY DUTY RATING WORKSHOP (2013 October 8-10)

Part ID= ISMRC1 - ISM ROCKER COVER

Rated Values

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

Rater	TOTALS	
Aguirre, Nancy P	8.73	
Avis, Steven	8.34	
Barrera, Tony	8.60	
Broff, Andy	9.33	
Castillo, George	9.07	
Clapperty, Leon	8.78	
Clare, Jamie	8.70	
DeCapite, Vanessa	9.04	
Foecking, Brian	9.21	
Forster, Michael	9.38	
Guarda, Waldyr	8.67	
Gutzwiller, Jim	8.71	
Hill, Howard P.	7.16	
Hurst, Kevin R.	8.24	
Kobrinetz, Joaquin J.	8.84	
Kraemer, Vernon	9.10	
Langford, Mike	8.74	
Lonsway, Chris	9.22	
Lopez, Frank	8.87	
Lowsky, John	8.43	
May, Marianne	8.84	
Potocar, William P	9.04	
Rodriguez, Jesus (Jesse)	8.98	
Sanchez, Arthur	9.06	
Seiz, Ray	9.09	
Terrado, Ken	9.33	
Trevino, Bobby	8.50	
Veiga, Victor	9.11	
Viera, Ralph B.	8.88	
Zalewski, John	8.82	
MAXIMUM	9.38	
MINIMUM	7.16	
RANGE(MAX-MIN)	2.220	
MEAN	8.827	
STANDARD DEVIATION	0.428	
N SIZE	30.000	

HEAVY DUTY RATING WORKSHOP (2013 October 8-10)

Part ID= ISMRC1 - ISM ROCKER COVER

ISMRC1 Y1 Values

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

Rater	TOTALS	
Aguirre, Nancy P	-0.23	
Avis, Steven	-1.14	
Barrera, Tony	-0.53	
Broff, Andy	1.17	
Castillo, George	0.57	
Clapperty, Leon	-0.11	
Clare, Jamie	-0.30	
DeCapite, Vanessa	0.50	
Foecking, Brian	0.89	
Forster, Michael	1.29	
Guarda, Waldyr	-0.37	
Gutzwiller, Jim	-0.27	
Hill, Howard P.	-3.89	
Hurst, Kevin R.	-1.37	
Kobrinetz, Joaquin J.	0.03	
Kraemer, Vernon	0.64	
Langford, Mike	-0.20	
Lonsway, Chris	0.92	
Lopez, Frank	0.10	
Lowsky, John	-0.93	
May, Marianne	0.03	
Potocar, William P	0.50	
Rodriguez, Jesus (Jesse)	0.36	
Sanchez, Arthur	0.54	
Seiz, Ray	0.61	
Terrado, Ken	1.17	
Trevino, Bobby	-0.76	
Veiga, Victor	0.66	
Viera, Ralph B.	0.12	
Zalewski, John	-0.02	
MAXIMUM	-3.89	
MINIMUM	-0.02	
RANGE(MAX-MIN)	-3.876	
MEAN	0.000	
STANDARD DEVIATION	1.000	
N SIZE	30.000	

HEAVY DUTY RATING WORKSHOP (2013 October 8-10)

Part ID= ISMRC1 - ISM ROCKER COVER

Rated Values

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

Rater	TOTALS	
Aguirre, Nancy P	8.73	
Avis, Steven	8.34	
Barrera, Tony	8.60	
Broff, Andy	9.33	
Castillo, George	9.07	
Clapperty, Leon	8.78	
Clare, Jamie	8.70	
DeCapite, Vanessa	9.04	
Foecking, Brian	9.21	
Forster, Michael	9.38	
Guarda, Waldyr	8.67	
Gutzwiller, Jim	8.71	
Hurst, Kevin R.	8.24	
Kobrinetz, Joaquin J.	8.84	
Kraemer, Vernón	9.10	
Langford, Mike	8.74	
Lonsway, Chris	9.22	
Lopez, Frank	8.87	
Lowsky, John	8.43	
May, Marianne	8.84	
Potocar, William P	9.04	
Rodriguez, Jesus (Jesse)	8.98	
Sanchez, Arthur	9.06	
Seiz, Ray	9.09	
Terrado, Ken	9.33	
Trevino, Bobby	8.50	
Veiga, Victor	9.11	
Viera, Ralph B.	8.88	
Zalewski, John	8.82	
MAXIMUM	9.38	
MINIMUM	8.24	
RANGE(MAX-MIN)	1.140	
MEAN	8.884	
STANDARD DEVIATION	0.295	
N SIZE	29.000	

HEAVY DUTY RATING WORKSHOP (2013 October 8-10)

Part ID= ISMRC1 - ISM ROCKER COVER

ISMRC1 Y1 Values

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

Rater	TOTALS	
Aguirre, Nancy P	-0.52	
Avis, Steven	-1.84	
Barrera, Tony	-0.96	
Broff, Andy	1.51	
Castillo, George	0.63	
Clapperty, Leon	-0.35	
Clare, Jamie	-0.62	
DeCapite, Vanessa	0.53	
Foecking, Brian	1.10	
Forster, Michael	1.68	
Guarda, Waldyr	-0.73	
Gutzwiller, Jim	-0.59	
Hurst, Kevin R.	-2.18	
Kobrinetz, Joaquin J.	-0.15	
Kraemer, Vernón	0.73	
Langford, Mike	-0.49	
Lonsway, Chris	1.14	
Lopez, Frank	-0.05	
Lowsky, John	-1.54	
May, Marianne	-0.15	
Potocar, William P	0.53	
Rodriguez, Jesus (Jesse)	0.32	
Sanchez, Arthur	0.59	
Seiz, Ray	0.70	
Terrado, Ken	1.51	
Trevino, Bobby	-1.30	
Veiga, Victor	0.76	
Viera, Ralph B.	-0.02	
Zalewski, John	-0.22	
MAXIMUM	-2.18	
MINIMUM	-0.02	
RANGE(MAX-MIN)	-2.166	
MEAN	0.000	
STANDARD DEVIATION	1.000	
N SIZE	29.000	

HEAVY DUTY RATING WORKSHOP (2013 October 8-10)

Part ID= ISMRC2 - ISM ROCKER COVER

Rated Values

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

Rater	TOTALS	
Aguirre, Nancy P	7.93	
Avis, Steven	7.95	
Barrera, Tony	7.63	
Broff, Andy	8.15	
Castillo, George	8.09	
Clapperty, Leon	8.89	
Clare, Jamie	8.54	
DeCapite, Vanessa	8.23	
Foecking, Brian	8.15	
Forster, Michael	7.78	
Guarda, Waldyr	8.06	
Gutzwiller, Jim	8.85	
Hill, Howard P.	7.12	
Hurst, Kevin R.	7.60	
Kobrinetz, Joaquin J.	8.34	
Kraemer, Vernon	7.73	
Langford, Mike	8.21	
Lonsway, Chris	8.66	
Lopez, Frank	8.62	
Lowsky, John	8.24	
May, Marianne	7.88	
Potocar, William P	8.13	
Rodriguez, Jesus (Jesse)	7.70	
Sanchez, Arthur	7.85	
Seiz, Ray	8.03	
Terrado, Ken	9.24	
Trevino, Bobby	7.92	
Veiga, Victor	7.65	
Viera, Ralph B.	8.31	
Zalewski, John	7.86	
MAXIMUM	9.24	
MINIMUM	7.12	
RANGE(MAX-MIN)	2.120	
MEAN	8.111	
STANDARD DEVIATION	0.444	
N SIZE	30.000	

HEAVY DUTY RATING WORKSHOP (2013 October 8-10)

Part ID= ISMRC2 - ISM ROCKER COVER

ISMRC2 Y1 Values

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

Rater	TOTALS	
Aguirre, Nancy P	-0.41	
Avis, Steven	-0.36	
Barrera, Tony	-1.08	
Broff, Andy	0.09	
Castillo, George	-0.05	
Clapperty, Leon	1.76	
Clare, Jamie	0.97	
DeCapite, Vanessa	0.27	
Foecking, Brian	0.09	
Forster, Michael	-0.75	
Guarda, Waldyr	-0.12	
Gutzwiller, Jim	1.66	
Hill, Howard P.	-2.23	
Hurst, Kevin R.	-1.15	
Kobrinetz, Joaquin J.	0.52	
Kraemer, Vernon	-0.86	
Langford, Mike	0.22	
Lonsway, Chris	1.24	
Lopez, Frank	1.15	
Lowsky, John	0.29	
May, Marianne	-0.52	
Potocar, William P	0.04	
Rodriguez, Jesus (Jesse)	-0.93	
Sanchez, Arthur	-0.59	
Seiz, Ray	-0.18	
Terrado, Ken	2.54	
Trevino, Bobby	-0.43	
Veiga, Victor	-1.04	
Viera, Ralph B.	0.45	
Zalewski, John	-0.57	
MAXIMUM	2.54	
MINIMUM	0.04	
RANGE(MAX-MIN)	2.502	
MEAN	0.000	
STANDARD DEVIATION	1.000	
N SIZE	30.000	

HEAVY DUTY RATING WORKSHOP (2013 October 8-10)

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	-0.24	-0.32	-0.20	0.26	-0.47	-0.30	0.23	-0.48										
A2-KEystone	-0.83	0.50	-0.15		-0.51	-0.62		-0.53	0.08	-2.14	-0.69	-0.02	0.00	-0.25				
A3-C13-STYLE																		
A4-SQUARE CUT	0.29	-0.06	0.50	0.53	-0.47	0.30	0.93	-0.26										
A5-SEQUENCE III																		
A6-ARTICULATED 2-PIECE																		
A7-SEQUENCE III	-0.63	-0.41	-0.38		-0.68	-0.18					0.79				-0.54	-0.40		
A8-SEQUENCE III																		
B1-SQUARE CUT	-0.99	0.11	0.70	1.63	-0.38	0.57	0.36	-1.49										
B2-KEystone	-0.05	-0.01	0.13		-1.22	-0.10		-0.32	0.68	-0.82	-0.60	-0.57	-0.27	-0.27				
B3-C13-STYLE																		
B4-SQUARE CUT	-0.68	-0.27	0.81	0.90	-0.61	0.41	0.95	-0.15										
B5-SEQUENCE III																		
B6-ARTICULATED 2-PIECE																		
B7-SEQUENCE III																		
B8-SEQUENCE III	-0.71	-0.84	-0.33		-1.78	-0.87					0.54				-0.49	-0.36		
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	-1.02	-0.53	0.12		0.09	-0.03		-0.30										
CAL-B-CALIBRATION PISTON	-0.90	-0.57	0.47		-0.16	-0.33		-0.23										
CAL-C-CALIBRATION PISTON																		
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	-1.02	-0.84	0.81	1.63	-1.78	-0.87	0.95	-1.49	0.68	-2.14	0.79	-0.57	-0.27	-0.27	-0.54	-0.40		
MINIMUM	-0.05	-0.01	0.12	0.26	0.09	-0.03	0.23	-0.15	0.08	-0.82	0.54	-0.02	0.00	-0.25	-0.49	-0.36		
RANGE(MAX-MIN)	-0.970	-0.830	0.690	1.370	-1.870	-0.840	0.720	-1.340	0.600	-1.320	0.250	-0.550	-0.270	-0.020	-0.050	-0.040		
MEAN	-0.576	-0.240	0.167	0.830	-0.619	-0.115	0.618	-0.470	0.380	-1.480	0.010	-0.295	-0.135	-0.260	-0.515	-0.380		
STANDARD DEVIATION	0.436	0.387	0.433	0.594	0.531	0.451	0.376	0.431	0.424	0.933	0.764	0.389	0.191	0.014	0.035	0.028		

HEAVY DUTY RATING WORKSHOP (2013 October 8-10)

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																		
A4-SQUARE CUT																		
A5-SEQUENCE III																		
A6-ARTICULATED 2-PIECE																		
A7-SEQUENCE III																		
A8-SEQUENCE III																		
B1-SQUARE CUT	-0.10	1.99	0.39	-0.01	-0.24	0.12	-0.02	-0.91										
B2-KEYSTONE																		
B3-C13-STYLE																		
B4-SQUARE CUT																		
B5-SEQUENCE III	-0.77	-0.39	0.21		0.19	-0.05					2.72				-0.41	-0.34		
B6-ARTICULATED 2-PIECE																		
B7-SEQUENCE III	-1.65	0.39	0.12		0.05	0.50					1.51				0.70	1.45		
B8-SEQUENCE III	-0.53	0.01	1.02		0.55	1.49					0.64				0.00	-0.43		
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	-0.96	0.33	-0.49		0.84	0.55		-0.38										
CAL-B-CALIBRATION PISTON																		
CAL-C-CALIBRATION PISTON	-0.07	-0.09	-0.26		-0.19	-0.13		-0.20										
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	-1.65	1.99	1.02	-0.01	0.84	1.49	-0.02	-0.91			2.72				0.70	1.45		
MINIMUM	-0.07	0.01	0.12	-0.01	0.05	-0.05	-0.02	-0.20			0.64				0.00	-0.34		
RANGE(MAX-MIN)	-1.580	1.980	0.900	0.000	0.790	1.540	0.000	-0.710			2.080				0.700	1.790		
MEAN	-0.680	0.373	0.165	-0.010	0.200	0.413	-0.020	-0.497			1.623				0.097	0.227		
STANDARD DEVIATION	0.593	0.842	0.528	0.000	0.424	0.597	0.000	0.369			1.045				0.561	1.060		

HEAVY DUTY RATING WORKSHOP (2013 October 8-10)

Rater= Avis, Steven

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	0.66	0.03	-0.66	-0.93	-0.20	-0.96	-1.05	0.34										
A5-SEQUENCE III																		
A6-ARTICULATED 2-PIECE																		
A7-SEQUENCE III																		
A8-SEQUENCE III	-0.81	-0.18	-1.63		-0.46	-0.10					0.50				-0.78	-1.10		
B1-SQUARE CUT	0.90	-0.81	-0.83	-0.79	-0.67	-0.70	-0.89	0.84										
B2-KEYSTONE																		
B3-C13-STYLE																		
B4-SQUARE CUT																		
B5-SEQUENCE III																		
B6-ARTICULATED 2-PIECE																		
B7-SEQUENCE III																		
B8-SEQUENCE III																		
C1-SQUARE CUT	-0.26	-0.02	0.53	-0.40	0.02	-0.71	-0.56	-0.40										
C2-KEYSTONE	-0.57	-0.67	-0.07		-0.04	-0.30		-0.54	-0.47	-1.40	-0.37	-0.60	-1.24	-0.57				
C3-C13-STYLE	-0.87	-0.14	-0.16		-0.38	-0.32	-0.95			-0.51								
C4-SQUARE CUT	0.58	-0.08	-0.48	-0.61	0.37	-0.82	-0.61	0.32										
C5-SEQUENCE III	-0.44	-0.40	-1.04		0.65	0.05					-0.24				-0.62	-0.64		
C6-ARTICULATED 2-PIECE	-0.40	0.04	-0.07		0.13	-1.15	-0.82	0.09		0.31		-0.12	-0.71	-0.38			0.65	
C7-SEQUENCE III	-0.53	-0.34	-0.15		0.36	-0.26					0.39				-0.37	-0.62		
C8-SEQUENCE III	-0.06	-0.65	-0.34		0.15	0.22					-0.76				-0.14	-0.86		
CAL-A-CALIBRATION PISTON	0.83	-0.36	-0.68		0.41	-0.43		0.03										
CAL-B-CALIBRATION PISTON																		
CAL-C-CALIBRATION PISTON																		
CAL-D-CALIBRATION PISTON	-0.42	0.01	-0.91		-0.07	1.57		0.48										
CAL-N-CAL DV4 PISTON	-0.59	-0.07	-0.02		1.10	-0.36												
CAL-W-CAL FIELD PISTON	-1.25	-0.38	0.02		-0.50	-0.35									-1.02	-1.38		
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																		-0.19
G1-4-2-CAL. SEQ V PISTONS																		-0.19
G1-4-3-CAL. SEQ V PISTONS																		0.20
G1-4-4-CAL. SEQ V PISTONS																		0.16
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																		0.01
R1-8-2-SEQ V PISTONS																		-0.01
R1-8-3-SEQ V PISTONS																		-0.55
R1-8-4-SEQ V PISTONS																		-0.41
R1-8-5-SEQ V PISTONS																		-0.49
R1-8-6-SEQ V PISTONS																		-0.42
R1-8-7-SEQ V PISTONS																		0.02
R1-8-8-SEQ V PISTONS																		-0.83
S1-8-1-SEQ V PISTONS																		-0.66
S1-8-2-SEQ V PISTONS																		-0.50
S1-8-3-SEQ V PISTONS																		-0.89
S1-8-4-SEQ V PISTONS																		-0.83
S1-8-5-SEQ V PISTONS																		-0.77
S1-8-6-SEQ V PISTONS																		-0.59
S1-8-7-SEQ V PISTONS																		-0.92
S1-8-8-SEQ V PISTONS																		-0.50
T1-FIELD PISTON	-0.82	-1.10	0.30		-0.33	0.07									-1.01	-1.03		
U1-FIELD PISTON	-0.17	-0.40	-0.35		0.54	-0.05									-0.37	0.93		
V1-FIELD PISTON	-0.55	-0.31	-0.24		0.16	-0.02									-0.45	0.35		
X1-DV4 PISTON																		
Y1-DV4 PISTON	-0.20	-0.23	-0.25		0.16	-0.27												
Z1-DV4 PISTON	-0.53	0.49	0.12		0.64	-1.17												
MAXIMUM	-1.25	-1.10	-1.63	-0.93	1.10	1.57	-1.05	0.84	-0.47	-1.40	-0.76	-0.60	-1.24	-0.57	-1.02	-1.38	0.65	-0.92
MINIMUM	-0.06	0.01	-0.02	-0.40	0.02	-0.02	-0.56	0.03	-0.47	0.31	-0.24	-0.12	-0.71	-0.38	-0.14	0.35	0.65	0.01
RANGE(MAX-MIN)	-1.190	-1.110	-1.610	-0.530	1.080	1.590	-0.490	0.810	0.000	-1.710	-0.520	-0.480	-0.530	-0.190	-0.880	-1.730	0.000	-0.930
MEAN	-0.275	-0.279	-0.346	-0.683	0.102	-0.303	-0.813	0.145	-0.470	-0.533	-0.096	-0.360	-0.975	-0.475	-0.595	-0.544	0.650	-0.418
STANDARD DEVIATION	0.590	0.352	0.503	0.229	0.451	0.596	0.193	0.455	0.000	0.855	0.531	0.339	0.375	0.134	0.320	0.787	0.000	0.357

HEAVY DUTY RATING WORKSHOP (2013 October 8-10)

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	0.26	-0.10	-0.58	-0.87	0.01	0.21	-1.16	-0.11										
A2-KEYSTONE	-1.14	-0.85	0.04		-0.26	0.77	-0.81	-0.86	0.31	1.02	-1.63	0.00	-0.25					
A3-C13-STYLE	-1.48	-0.40	-0.54		-0.30	-1.03	-0.72		-0.45									
A4-SQUARE CUT	0.37	0.57	0.11	0.44	-0.57	0.08	-0.08	0.34										
A5-SEQUENCE III	-0.42	0.18	0.21		-0.32	0.25					-0.16				-0.59	-0.50		
A6-ARTICULATED 2-PIECE	-0.56	-0.79	-0.80		-0.33	0.13	-0.53	-0.75		-0.26		-0.36	-0.48	0.33			-1.38	
A7-SEQUENCE III	-0.59	-0.14	0.54		-0.22	0.06					0.16				0.68	-0.02		
A8-SEQUENCE III	-0.72	-0.18	-0.07		-0.37	-0.33					0.18				1.39	-0.40		
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	-0.46	0.25		0.26	-0.32		-0.04										
CAL-C-CALIBRATION PISTON	-0.44	-0.45	-0.23		-0.27	-0.37		0.12										
CAL-D-CALIBRATION PISTON																		
CAL-N-CAL DV4 PISTON	-0.47	-0.30	-0.86		0.03	-0.39												
CAL-W-CAL FIELD PISTON	-0.88	-0.13	-0.35		-0.28	-0.55									-0.87	-0.95		
E1-4-1-CAL. SEQ V PISTONS																		0.29
E1-4-2-CAL. SEQ V PISTONS																		0.27
E1-4-3-CAL. SEQ V PISTONS																		0.58
E1-4-4-CAL. SEQ V PISTONS																		0.07
F1-4-1-CAL. SEQ V PISTONS																		-0.09
F1-4-2-CAL. SEQ V PISTONS																		-0.27
F1-4-3-CAL. SEQ V PISTONS																		-0.16
F1-4-4-CAL. SEQ V PISTONS																		-0.27
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																		0.53
Q1-8-2-SEQ V PISTONS																		0.84
Q1-8-3-SEQ V PISTONS																		-0.56
Q1-8-4-SEQ V PISTONS																		-0.54
Q1-8-5-SEQ V PISTONS																		0.39
Q1-8-6-SEQ V PISTONS																		0.24
Q1-8-7-SEQ V PISTONS																		0.71
Q1-8-8-SEQ V PISTONS																		0.57
R1-8-1-SEQ V PISTONS																		0.31
R1-8-2-SEQ V PISTONS																		-0.08
R1-8-3-SEQ V PISTONS																		-0.21
R1-8-4-SEQ V PISTONS																		-0.14
R1-8-5-SEQ V PISTONS																		0.69
R1-8-6-SEQ V PISTONS																		-0.20
R1-8-7-SEQ V PISTONS																		0.10
R1-8-8-SEQ V PISTONS																		0.40
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	-1.48	-0.85	-0.86	-0.87	-0.57	-1.03	-1.16	-0.81	-0.86	-0.45	1.02	-1.63	-0.48	0.33	1.39	-0.95	-1.38	0.84
MINIMUM	0.26	-0.10	0.04	0.44	0.01	0.06	-0.08	-0.04	-0.86	-0.26	-0.16	-0.36	0.00	-0.25	-0.59	-0.02	-1.38	0.07
RANGE(MAX-MIN)	-1.740	-0.750	-0.900	-1.310	-0.580	-1.090	-1.080	-0.770	0.000	-0.190	1.180	-1.270	-0.480	0.580	1.980	-0.930	0.000	0.770
MEAN	-0.555	-0.254	-0.190	-0.215	-0.218	-0.124	-0.623	-0.208	-0.860	-0.133	0.300	-0.995	-0.240	0.040	0.153	-0.468	-1.380	0.145
STANDARD DEVIATION	0.513	0.390	0.444	0.926	0.219	0.468	0.448	0.469	0.000	0.396	0.505	0.898	0.339	0.410	1.066	0.382	0.000	0.399

HEAVY DUTY RATING WORKSHOP (2013 October 8-10)

Rater= Booth, Jeffrey

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	0.37	1.24	1.85	1.01	3.26	3.16	2.68	0.84										
B2-KEYSTONE																		
B3-C13-STYLE																		
B4-SQUARE CUT	0.33	1.68	-0.36	-0.77	0.02	1.33	1.84	-0.23										
B5-SEQUENCE III	0.36	-0.39	0.69		-0.54	-0.05					1.47				1.68	1.16		
B6-ARTICULATED 2-PIECE																		
B7-SEQUENCE III	-0.07	0.39	1.93		0.81	-0.16					0.68				0.78	1.55		
B8-SEQUENCE III	1.94	0.99	1.28		0.36	0.14					0.35				2.34	0.29		
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	1.51	0.52	0.03		0.12	0.04		0.66										
CAL-C-CALIBRATION PISTON																		
CAL-D-CALIBRATION PISTON	0.33	2.97	3.05		-0.22	-1.16		-0.17										
CAL-N-CAL DV4 PISTON	3.26	2.11	0.08		0.72	3.75												
CAL-W-CAL FIELD PISTON	0.83	0.49	4.90		2.56	2.65									0.88	0.59		
E1-4-1-CAL. SEQ V PISTONS																		2.29
E1-4-2-CAL. SEQ V PISTONS																		1.47
E1-4-3-CAL. SEQ V PISTONS																		1.79
E1-4-4-CAL. SEQ V PISTONS																		1.48
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																		1.15
G1-4-2-CAL. SEQ V PISTONS																		1.77
G1-4-3-CAL. SEQ V PISTONS																		1.87
G1-4-4-CAL. SEQ V PISTONS																		2.71
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	3.26	2.97	4.90	1.01	3.26	3.75	2.68	0.84			1.47				2.34	1.55		2.71
MINIMUM	-0.07	-0.39	0.03	-0.77	0.02	0.04	1.84	-0.17			0.35				0.78	0.29		1.15
RANGE(MAX-MIN)	3.330	3.360	4.870	1.780	3.240	3.710	0.840	1.010			1.120				1.560	1.260		1.560
MEAN	0.984	1.111	1.494	1.020	0.788	1.078	2.260	0.275			0.833				1.420	0.898		1.816
STANDARD DEVIATION	1.068	1.020	1.681	1.259	1.287	1.724	0.594	0.554			0.576				0.734	0.565		0.494

HEAVY DUTY RATING WORKSHOP (2013 October 8-10)

Rater= Broff, Andy

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	-0.46	-0.91	-0.61	0.24	0.24	-0.62	-0.02											
C2-KEYSTONE	-2.29	-1.85	-0.58		2.44	-0.05	-0.75	-0.65	0.02	-0.12	1.49	2.13	2.38						
C3-C13-STYLE	-0.15	-1.91	-0.89		3.29	-0.78	0.28		2.52										
C4-SQUARE CUT	1.49	-1.63	-0.88	-0.61	-0.36	-0.99	-0.78	1.79											
C5-SEQUENCE III	-0.33	-0.40	-0.14		-2.07	-1.67					-0.37				-1.12	-1.06			
C6-ARTICULATED 2-PIECE	-0.48	-1.46	-0.02		-0.93	0.29	-0.82	-0.85		-1.65	-1.30	-0.71	-0.38				-1.35		
C7-SEQUENCE III	-0.49	-0.43	0.23		-1.86	-1.79					-0.75				-0.71	-0.72			
C8-SEQUENCE III	-1.24	-0.65	-0.13		-0.68	-3.15					-1.03				-0.28	-0.86			
CAL-A-CALIBRATION PISTON																			
CAL-B-CALIBRATION PISTON																			
CAL-C-CALIBRATION PISTON	-2.54	0.39	-0.27		2.21	4.34		0.75											
CAL-D-CALIBRATION PISTON	-0.19	1.47	-0.84		3.39	-0.69		2.70											
CAL-N-CAL DV4 PISTON	3.41	2.93	-1.04		1.79	2.69													
CAL-W-CAL FIELD PISTON	1.06	4.73	-0.89		3.78	2.87									-1.20	-1.80			
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																			-0.28
F1-4-2-CAL. SEQ V PISTONS																			0.14
F1-4-3-CAL. SEQ V PISTONS																			0.03
F1-4-4-CAL. SEQ V PISTONS																			-0.13
G1-4-1-CAL. SEQ V PISTONS																			-0.06
G1-4-2-CAL. SEQ V PISTONS																			-1.00
G1-4-3-CAL. SEQ V PISTONS																			1.15
G1-4-4-CAL. SEQ V PISTONS																			-0.40
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																			0.65
R1-8-2-SEQ V PISTONS																			2.29
R1-8-3-SEQ V PISTONS																			1.59
R1-8-4-SEQ V PISTONS																			0.67
R1-8-5-SEQ V PISTONS																			0.27
R1-8-6-SEQ V PISTONS																			0.28
R1-8-7-SEQ V PISTONS																			-0.43
R1-8-8-SEQ V PISTONS																			0.20
S1-8-1-SEQ V PISTONS																			-0.50
S1-8-2-SEQ V PISTONS																			-0.36
S1-8-3-SEQ V PISTONS																			0.12
S1-8-4-SEQ V PISTONS																			1.34
S1-8-5-SEQ V PISTONS																			-0.12
S1-8-6-SEQ V PISTONS																			1.28
S1-8-7-SEQ V PISTONS																			1.21
S1-8-8-SEQ V PISTONS																			2.02
T1-FIELD PISTON																			
U1-FIELD PISTON	1.12	0.60	-1.15		2.74	-1.01									-0.08	1.78			
V1-FIELD PISTON	-0.77	-0.31	-0.78		0.09	-0.06									-0.73	-0.17			
X1-DV4 PISTON																			
Y1-DV4 PISTON	0.52	-1.23	-0.33		-0.94	-0.29													
Z1-DV4 PISTON	-2.07	-2.48	-3.13		-2.51	0.06													
MAXIMUM	3.41	4.73	-3.13	-0.61	3.78	4.34	-0.82	2.70	-0.65	2.52	-1.03	1.49	2.13	2.38	-1.20	-1.80	-1.35	2.29	
MINIMUM	-0.15	-0.31	-0.02	-0.61	0.09	-0.05	0.28	-0.02	-0.65	0.02	-0.12	-1.30	-0.71	-0.38	-0.08	-0.17	-1.35	0.03	
RANGE(MAX-MIN)	3.560	5.040	-3.110	0.000	3.690	4.390	-1.100	2.720	0.000	2.500	-0.910	2.790	2.840	2.760	-1.120	-1.630	0.000	2.260	
MEAN	-0.208	-0.168	-0.734	-0.610	0.664	0.001	-0.485	0.603	-0.650	0.297	-0.568	0.095	0.710	1.000	-0.687	-0.472	-1.350	0.415	
STANDARD DEVIATION	1.521	1.893	0.761	0.000	2.122	1.889	0.517	1.425	0.000	2.099	0.403	1.973	2.008	1.952	0.444	1.223	0.000	0.857	

HEAVY DUTY RATING WORKSHOP (2013 October 8-10)

Rater= Castillo, George

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	-0.23	0.08	-0.69	-0.53	-0.44	0.44	-0.09	-0.35										
C2-KEYSTONE	-0.27	-0.53	1.43		-1.00	-0.15	-0.44	0.88	-0.78	-0.86	-0.54	-0.39	1.20					
C3-C13-STYLE	0.88	-0.87	0.89		-0.47	0.04	0.46		-1.07									
C4-SQUARE CUT	-0.05	-0.37	-0.80	-0.61	-0.19	-0.10	-0.48	-0.35										
C5-SEQUENCE III	-0.38	-0.40	-0.11		-1.85	-0.21				-0.36					-0.04	-0.50		
C6-ARTICULATED 2-PIECE	-1.08	-0.60	-0.29		-0.26	0.24	0.73	-0.49		0.16		1.07	-0.12	-0.38			-0.37	
C7-SEQUENCE III	0.25	-0.43	-0.87		-1.17	-0.51					-0.60				-0.61	-0.59		
C8-SEQUENCE III	-0.34	-0.65	-0.13		-0.52	0.14					-0.02				0.15	-0.86		
CAL-A-CALIBRATION PISTON																		
CAL-B-CALIBRATION PISTON																		
CAL-C-CALIBRATION PISTON	-0.54	-0.23	-0.23		-0.45	-0.34		-0.09										
CAL-D-CALIBRATION PISTON	-0.80	-0.16	0.34		-0.31	0.95		0.66										
CAL-N-CAL DV4 PISTON	-0.25	-0.55	-0.14		-1.67	-0.38												
CAL-W-CAL FIELD PISTON	0.14	-0.38	-0.46		-0.53	-0.36									-0.91	-0.32		
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																		-0.52
F1-4-2-CAL. SEQ V PISTONS																		0.01
F1-4-3-CAL. SEQ V PISTONS																		0.22
F1-4-4-CAL. SEQ V PISTONS																		0.21
G1-4-1-CAL. SEQ V PISTONS																		0.53
G1-4-2-CAL. SEQ V PISTONS																		0.86
G1-4-3-CAL. SEQ V PISTONS																		0.30
G1-4-4-CAL. SEQ V PISTONS																		0.45
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																		1.97
R1-8-2-SEQ V PISTONS																		0.38
R1-8-3-SEQ V PISTONS																		0.72
R1-8-4-SEQ V PISTONS																		0.67
R1-8-5-SEQ V PISTONS																		-0.11
R1-8-6-SEQ V PISTONS																		0.31
R1-8-7-SEQ V PISTONS																		0.58
R1-8-8-SEQ V PISTONS																		0.89
S1-8-1-SEQ V PISTONS																		0.92
S1-8-2-SEQ V PISTONS																		0.86
S1-8-3-SEQ V PISTONS																		0.58
S1-8-4-SEQ V PISTONS																		1.31
S1-8-5-SEQ V PISTONS																		1.43
S1-8-6-SEQ V PISTONS																		1.42
S1-8-7-SEQ V PISTONS																		1.31
S1-8-8-SEQ V PISTONS																		0.27
T1-FIELD PISTON																		
U1-FIELD PISTON	0.47	0.02	-0.87		-0.62	0.02									-0.15	0.49		
V1-FIELD PISTON	-0.48	-0.31	-0.10		-0.56	-1.02									-0.52	-0.29		
X1-DV4 PISTON																		
Y1-DV4 PISTON	0.04	-0.23	-0.28		-0.78	-0.25												
Z1-DV4 PISTON	-0.68	0.37	-0.06		0.31	0.25												
MAXIMUM	-1.08	-0.87	1.43	-0.61	-1.85	-1.02	0.73	0.66	0.88	-1.07	-0.86	1.07	-0.39	1.20	-0.91	-0.86	-0.37	1.97
MINIMUM	0.04	0.02	-0.06	-0.53	-0.19	0.02	-0.09	-0.09	0.88	0.16	-0.02	-0.54	-0.12	-0.38	-0.04	-0.29	-0.37	0.01
RANGE(MAX-MIN)	-1.120	-0.890	1.490	-0.080	-1.660	-1.040	0.820	0.750	0.000	-1.230	-0.840	1.610	-0.270	1.580	-0.870	-0.570	0.000	1.960
MEAN	-0.208	-0.328	-0.148	-0.570	-0.657	-0.078	0.155	-0.177	0.880	-0.563	-0.460	0.265	-0.255	0.410	-0.347	-0.345	-0.370	0.649
STANDARD DEVIATION	0.492	0.306	0.618	0.057	0.544	0.445	0.544	0.432	0.000	0.643	0.357	1.138	0.191	1.117	0.399	0.458	0.000	0.563

HEAVY DUTY RATING WORKSHOP (2013 October 8-10)

Rater= Castro, Rafael

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	0.98	0.09	0.43	0.95	-0.11	0.10	0.75	1.56										
A2-KEYSTONE	1.61	1.22	-1.75		0.66	-0.62		0.41	-0.64	-0.26	1.33	-0.34	0.00	3.75				
A3-C13-STYLE																		
A4-SQUARE CUT	0.60	1.11	0.81	-0.02	0.41	0.78	1.17	-0.06										
A5-SEQUENCE III	-1.43	1.20	0.35		1.54	2.48					0.39				1.29	1.21		
A6-ARTICULATED 2-PIECE	1.54	-0.54	-0.47		1.55	0.72	0.68	-1.60		-0.15		0.95	-0.18	-0.23			-0.45	
A7-SEQUENCE III	-1.51	3.18	-0.61		3.23	3.08					0.16				-0.59	1.94		
A8-SEQUENCE III	-1.30	0.37	-0.73		0.51	0.78					0.36				2.27	2.32		
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	-1.68	-0.30	3.02		0.10	0.77		-0.22										
CAL-B-CALIBRATION PISTON	0.68	0.31	4.45		3.50	-0.04		-0.13										
CAL-C-CALIBRATION PISTON																		
CAL-D-CALIBRATION PISTON																		
CAL-N-CAL DV4 PISTON	0.49	0.96	1.88		-0.93	-0.19												
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	-1.68	3.18	4.45	0.95	3.50	3.08	1.17	-1.60	-0.64	-0.26	1.33	0.95	-0.18	3.75	2.27	2.32	-0.45	
MINIMUM	0.49	0.09	0.35	-0.02	0.10	-0.04	0.68	-0.06	-0.64	-0.15	0.16	-0.34	0.00	-0.23	-0.59	1.21	-0.45	
RANGE(MAX-MIN)	-2.170	3.090	4.100	0.970	3.400	3.120	0.490	-1.540	0.000	-0.110	1.170	1.290	-0.180	3.980	2.860	1.110	0.000	
MEAN	-0.002	0.760	0.738	0.465	1.046	0.786	0.867	-0.007	-0.640	-0.205	0.560	0.305	-0.090	1.760	0.990	1.823	-0.450	
STANDARD DEVIATION	1.326	1.056	1.890	0.686	1.425	1.165	0.265	1.023	0.000	0.078	0.523	0.912	0.127	2.814	1.453	0.564	0.000	

HEAVY DUTY RATING WORKSHOP (2013 October 8-10)

Rater= Clapperty, Leon

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	-0.84	-0.67	0.35	0.30	-0.56	-0.26	-0.55	-0.47										
B2-KEystone	-0.08	0.90	-0.95		-0.23	-0.79		0.09	-0.44	0.95	-1.04	-0.10	-0.27	-0.27				
B3-C13-STYLE																		
B4-SQUARE CUT																		
B5-SEQUENCE III																		
B6-ARTICULATED 2-PIECE	0.46	0.13	-0.85		-0.43	-1.52	-1.39	1.52		-0.06		0.59	0.14	-0.67			-1.20	
B7-SEQUENCE III																		
B8-SEQUENCE III																		
C1-SQUARE CUT	-0.31	-1.08	-0.94	0.18	-0.74	-0.90	-0.30	-0.40										
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	-2.12	-0.57	-0.07		-0.23	-0.92		-0.22										
CAL-B-CALIBRATION PISTON	-0.84	0.17	-0.02		-0.98	-0.56		0.26										
CAL-C-CALIBRATION PISTON	-0.62	-0.13	-0.22		-0.31	-0.07		0.01										
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	-2.12	-1.08	-0.95	0.30	-0.98	-1.52	-1.39	1.52	-0.44	0.95	-1.04	0.59	-0.27	-0.67			-1.20	
MINIMUM	-0.08	0.13	-0.02	0.18	-0.23	-0.07	-0.30	0.01	-0.44	-0.06	-1.04	-0.10	0.14	-0.27			-1.20	
RANGE(MAX-MIN)	-2.040	-1.210	-0.930	0.120	-0.750	-1.450	-1.090	1.510	0.000	1.010	0.000	0.690	-0.410	-0.400			0.000	
MEAN	-0.621	-0.179	-0.386	0.240	-0.497	-0.717	-0.747	0.113	-0.440	0.445	-1.040	0.245	-0.065	-0.470			-1.200	
STANDARD DEVIATION	0.806	0.657	0.523	0.085	0.282	0.479	0.571	0.674	0.000	0.714	0.000	0.488	0.290	0.283			0.000	

HEAVY DUTY RATING WORKSHOP (2013 October 8-10)

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																		
B2-KEYSTONE																		
B3-C13-STYLE																		
B4-SQUARE CUT																		
B5-SEQUENCE III																		
B6-ARTICULATED 2-PIECE																		
B7-SEQUENCE III																		
B8-SEQUENCE III																		
C1-SQUARE CUT	-0.30	-0.91	0.98	0.14	-1.13	-0.25	0.35	-0.11										
C2-KEYSTONE	0.86	-0.10	2.25		-0.80	2.25		1.14	1.55	0.17	1.86	-0.30	0.45	-0.57				
C3-C13-STYLE	-0.34	-0.66	-1.02		0.31	-1.79	-1.09			-0.80								
C4-SQUARE CUT	-0.01	1.29	1.73	0.46	-0.32	2.08	2.14	-0.35										
C5-SEQUENCE III	-0.08	-0.40	-0.35		-0.20	-0.29					-0.36				0.31	1.35		
C6-ARTICULATED 2-PIECE	-0.63	-1.42	-0.37		-0.63	0.24	1.36	-0.33		-0.95		-1.07	-0.12	-0.38			-0.66	
C7-SEQUENCE III	-0.55	-0.43	0.45		0.22	-0.04					0.24				1.07	0.95		
C8-SEQUENCE III	-1.14	-0.65	1.96		0.98	1.99					1.64				-0.37	1.30		
CAL-A-CALIBRATION PISTON	0.02	-0.89	0.16		-0.17	-1.13		1.01										
CAL-B-CALIBRATION PISTON																		
CAL-C-CALIBRATION PISTON																		
CAL-D-CALIBRATION PISTON	-0.94	-0.46	-0.96		0.02	-1.44		0.48										
CAL-N-CAL DV4 PISTON	0.27	-1.14	-0.47		-0.50	-0.27												
CAL-W-CAL FIELD PISTON	0.50	-0.66	-0.03		0.37	-0.32									1.42	0.90		
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																		0.34
F1-4-2-CAL. SEQ V PISTONS																		0.36
F1-4-3-CAL. SEQ V PISTONS																		0.14
F1-4-4-CAL. SEQ V PISTONS																		0.74
G1-4-1-CAL. SEQ V PISTONS																		2.30
G1-4-2-CAL. SEQ V PISTONS																		1.36
G1-4-3-CAL. SEQ V PISTONS																		0.84
G1-4-4-CAL. SEQ V PISTONS																		1.27
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																		1.55
R1-8-2-SEQ V PISTONS																		1.29
R1-8-3-SEQ V PISTONS																		1.57
R1-8-4-SEQ V PISTONS																		2.55
R1-8-5-SEQ V PISTONS																		2.55
R1-8-6-SEQ V PISTONS																		2.72
R1-8-7-SEQ V PISTONS																		2.05
R1-8-8-SEQ V PISTONS																		2.26
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	0.04	1.44	-0.34		-0.34	-0.11									1.68	-0.25		
V1-FIELD PISTON																		
X1-DV4 PISTON																		
Y1-DV4 PISTON																		
Z1-DV4 PISTON	0.51	-0.18	-0.26		0.24	2.31												
MAXIMUM	-1.14	1.44	2.25	0.46	-1.13	2.31	2.14	1.14	1.55	-0.95	1.86	-1.07	0.45	-0.57	1.68	1.35	-0.66	2.72
MINIMUM	-0.01	-0.10	-0.03	0.14	0.02	-0.04	0.35	-0.11	1.55	0.17	0.24	-0.30	-0.12	-0.38	0.31	-0.25	-0.66	0.14
RANGE(MAX-MIN)	-1.130	1.540	2.280	0.320	-1.150	2.350	1.790	1.250	0.000	-1.120	1.620	-0.770	0.570	-0.190	1.370	1.600	0.000	2.580
MEAN	-0.128	-0.369	0.266	0.300	-0.139	0.231	0.690	0.307	1.550	-0.527	0.845	-0.685	0.165	-0.475	0.822	0.850	-0.660	1.493
STANDARD DEVIATION	0.568	0.816	1.064	0.226	0.546	1.384	1.395	0.668	0.000	0.608	1.077	0.544	0.403	0.134	0.842	0.647	0.000	0.850

HighLight Key: Red= Greater than 2.0 Yi

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HEAVY DUTY RATING WORKSHOP (2013 October 8-10)

Rater= DeCapite, Vanessa

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	-1.01	0.52	-0.29	-0.39	0.14	-0.39	-0.16	0.45										
A2-KEystone	0.02	-0.51	0.22		-0.10	1.30	-0.43	1.86		-0.11	-1.29	-0.90	0.00	-0.25				
A3-C13-STYLE	-0.71	-0.59	-1.51		-0.33	-1.11	-1.23			-0.69								
A4-SQUARE CUT	-1.97	0.08	0.34	-0.06	1.88	0.08	0.36	-0.06										
A5-SEQUENCE III	0.84	0.18	-0.26		-0.32	0.76					0.68				0.02	-0.11		
A6-ARTICULATED 2-PIECE	-0.38	1.09	0.94		-0.26	-0.65	-1.59	1.78		0.05		0.63	0.73	2.01			-1.29	
A7-SEQUENCE III	0.85	0.04	1.48		-0.04	0.01					-0.06				-0.07	-0.21		
A8-SEQUENCE III	0.24	-0.18	0.11		0.07	0.78					0.52				-0.24	-0.75		
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	-1.25	-0.32	-0.47		0.64	-0.14		1.16										
CAL-C-CALIBRATION PISTON	-1.03	-0.36	-0.25		-0.16	-0.22		0.75										
CAL-D-CALIBRATION PISTON																		
CAL-N-CAL DV4 PISTON	-0.36	-0.05	-0.72		-2.20	-0.40												
CAL-W-CAL FIELD PISTON	-0.82	-0.50	-0.11		-0.44	-0.43									-0.13	0.09		
E1-4-1-CAL. SEQ V PISTONS																		-1.19
E1-4-2-CAL. SEQ V PISTONS																		-0.05
E1-4-3-CAL. SEQ V PISTONS																		-0.55
E1-4-4-CAL. SEQ V PISTONS																		0.14
F1-4-1-CAL. SEQ V PISTONS																		-0.52
F1-4-2-CAL. SEQ V PISTONS																		-0.93
F1-4-3-CAL. SEQ V PISTONS																		-0.97
F1-4-4-CAL. SEQ V PISTONS																		-0.27
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																		-0.69
Q1-8-3-SEQ V PISTONS																		-0.26
Q1-8-4-SEQ V PISTONS																		-0.24
Q1-8-5-SEQ V PISTONS																		-0.55
Q1-8-6-SEQ V PISTONS																		0.98
Q1-8-7-SEQ V PISTONS																		-0.85
Q1-8-8-SEQ V PISTONS																		-1.03
R1-8-1-SEQ V PISTONS																		-0.07
R1-8-2-SEQ V PISTONS																		-0.55
R1-8-3-SEQ V PISTONS																		0.60
R1-8-4-SEQ V PISTONS																		0.04
R1-8-5-SEQ V PISTONS																		0.15
R1-8-6-SEQ V PISTONS																		0.78
R1-8-7-SEQ V PISTONS																		-0.61
R1-8-8-SEQ V PISTONS																		0.36
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	-0.48	0.27	-0.47		-0.09	0.09									-0.10	-0.19		
U1-FIELD PISTON	1.12	-0.47	0.38		-0.22	-0.14									-0.01	-0.13		
V1-FIELD PISTON																		
X1-DV4 PISTON	-0.38	0.73	-0.85		0.37	-0.80												
Y1-DV4 PISTON	0.21	-0.24	-0.24		-0.45	-0.25												
Z1-DV4 PISTON																		
MAXIMUM	-1.97	1.09	-1.51	-0.39	-2.20	1.30	-1.59	1.78	1.86	-0.69	-1.29	-0.90	0.73	2.01	-0.24	-0.75	-1.29	-1.19
MINIMUM	0.02	0.04	0.11	-0.06	-0.04	0.01	-0.16	-0.06	1.86	0.05	-0.06	0.63	0.00	-0.25	-0.01	0.09	-1.29	0.04
RANGE(MAX-MIN)	-1.990	1.050	-1.620	-0.330	-2.160	1.290	-1.430	1.840	0.000	-0.740	-1.230	-1.530	0.730	2.260	-0.230	-0.840	0.000	-1.230
MEAN	-0.319	-0.019	-0.106	-0.225	-0.094	-0.094	-0.655	0.608	1.860	-0.250	-0.038	-0.135	0.365	0.880	-0.088	-0.217	-1.290	-0.305
STANDARD DEVIATION	0.837	0.483	0.705	0.233	0.799	0.616	0.909	0.806	0.000	0.389	0.893	1.082	0.516	1.598	0.093	0.282	0.000	0.596

HEAVY DUTY RATING WORKSHOP (2013 October 8-10)

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	0.87	-0.74	1.86	3.12	3.22	2.12	0.38	-1.79										
A2-KEystone	0.02	1.43	2.86		3.61	0.77		3.32	1.80	0.30	1.07	1.91	0.00	-0.25				
A3-C13-STYLE	1.03	-0.83	0.94		2.55	1.11	0.46			-0.86								
A4-SQUARE CUT	1.17	2.99	2.74	3.63	2.16	2.95	2.99	-0.66										
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																		
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																		
CAL-C-CALIBRATION PISTON	1.32	3.06	4.47		1.31	-0.19		1.07										
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	1.54	2.11	3.33		3.51	3.49									0.83	0.27		
U1-FIELD PISTON																		
V1-FIELD PISTON																		
X1-DV4 PISTON	3.90	-1.16	2.70		2.95	2.08												
Y1-DV4 PISTON																		
Z1-DV4 PISTON																		
MAXIMUM	3.90	3.06	4.47	3.63	3.61	3.49	2.99	3.32	1.80	-0.86	1.07	1.91	0.00	-0.25	0.83	0.27		
MINIMUM	0.02	-0.74	0.94	3.12	1.31	-0.19	0.38	-0.66	1.80	0.30	1.07	1.91	0.00	-0.25	0.83	0.27		
RANGE(MAX-MIN)	3.880	3.800	3.530	0.510	2.300	3.680	2.610	3.980	0.000	-1.160	0.000	0.000	0.000	0.000	0.000	0.000		
MEAN	1.407	0.980	2.700	3.375	2.759	1.761	1.277	0.485	1.800	-0.280	1.070	1.910	0.000	-0.250	0.830	0.270		
STANDARD DEVIATION	1.201	1.856	1.108	0.361	0.820	1.281	1.484	2.226	0.000	0.820	0.000	0.000	0.000	0.000	0.000	0.000		

HEAVY DUTY RATING WORKSHOP (2013 October 8-10)

Rate= Foecking, Brian

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	0.00	-0.93	-0.98	-0.65	0.22	-1.79	-1.06	-0.11										
A2-KEYSTONE	0.23	0.88	0.37		-0.45	-2.06		-0.34	-0.28	0.07	-0.64	0.14	0.00	-0.25				
A3-C13-STYLE																		
A4-SQUARE CUT	-0.33	-1.40	-1.09	-0.88	0.41	-1.35	-1.29	-0.06										
A5-SEQUENCE III	0.46	0.18	-0.66		-0.60	0.26					0.61				0.56	-0.01		
A6-ARTICULATED 2-PIECE																		
A7-SEQUENCE III																		
A8-SEQUENCE III																		
B1-SQUARE CUT	0.46	0.58	-1.21	-0.79	-0.02	-0.75	-0.80	-0.03										
B2-KEYSTONE																		
B3-C13-STYLE	-1.95	0.29	1.92		1.24	-0.35	-0.85			-0.74								
B4-SQUARE CUT	-1.13	-0.46	-1.01	-1.13	0.23	-1.41	-0.80	-0.41										
B5-SEQUENCE III	-0.04	-0.39	-0.27		0.04	0.42					0.53				0.35	-0.34		
B6-ARTICULATED 2-PIECE	-0.66	1.11	1.37		-0.66	-0.37	-0.52	0.12		-0.41		-0.23	-0.43	-0.67			0.54	
B7-SEQUENCE III																		
B8-SEQUENCE III	0.35	0.92	-0.49		0.62	-0.16					0.83				0.49	-0.35		
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	-0.98	0.02	-0.47		0.11	0.03		0.26										
CAL-C-CALIBRATION PISTON																		
CAL-D-CALIBRATION PISTON	-0.68	0.31	0.64		-0.20	0.55		0.02										
CAL-N-CAL DV4 PISTON	-0.60	-0.03	-0.94		-0.45	-0.41												
CAL-W-CAL FIELD PISTON	-0.91	-0.35	-0.17		-0.41	-0.36									-0.29	-1.09		
E1-4-1-CAL. SEQ V PISTONS																		-1.33
E1-4-2-CAL. SEQ V PISTONS																		-1.32
E1-4-3-CAL. SEQ V PISTONS																		-1.68
E1-4-4-CAL. SEQ V PISTONS																		-0.85
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																		0.30
G1-4-2-CAL. SEQ V PISTONS																		0.19
G1-4-3-CAL. SEQ V PISTONS																		0.14
G1-4-4-CAL. SEQ V PISTONS																		-0.12
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	-0.42	0.71	-1.00		0.20	-0.92												
Y1-DV4 PISTON																		
Z1-DV4 PISTON	-0.62	0.30	0.03		0.53	-1.12												
MAXIMUM	-1.95	-1.40	1.92	-1.13	1.24	-2.06	-1.29	-0.41	-0.28	-0.74	0.83	-0.23	-0.43	-0.67	0.56	-1.09	0.54	-1.68
MINIMUM	0.00	0.02	0.03	-0.65	-0.02	0.03	-0.52	0.02	-0.28	0.07	0.53	0.14	0.00	-0.25	-0.29	-0.01	0.54	-0.12
RANGE(MAX-MIN)	-1.950	-1.420	1.890	-0.480	1.260	-2.090	-0.770	-0.430	0.000	-0.810	0.300	-0.370	-0.430	-0.420	0.850	-1.080	0.000	-1.560
MEAN	-0.426	0.109	-0.248	-0.863	0.051	-0.612	-0.887	-0.069	-0.280	-0.360	0.333	-0.045	-0.215	-0.460	0.278	-0.448	0.540	-0.584
STANDARD DEVIATION	0.658	0.689	0.918	0.202	0.510	0.777	0.262	0.222	0.000	0.407	0.661	0.262	0.304	0.297	0.388	0.457	0.000	0.801

HEAVY DUTY RATING WORKSHOP (2013 October 8-10)

Rater= Forster, Michael

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	-0.18	0.82	0.21	-0.61	0.44	1.93	1.51	-0.02										
C2-KEYSTONE	0.35	1.79	-0.48		-0.75	-0.20		0.61	0.74	-0.16	0.29	0.00	1.29	-0.57				
C3-C13-STYLE	-1.07	0.83	0.95		-0.38	2.18	2.15			1.55								
C4-SQUARE CUT	0.24	0.90	-0.09	-0.19	0.33	-0.13	-0.28	0.32										
C5-SEQUENCE III	-0.26	-0.40	1.34		0.10	-0.14					-0.18				2.53	0.74		
C6-ARTICULATED 2-PIECE	0.77	-1.71	2.49		0.56	1.17	-0.63	0.50		1.38		-0.83	-0.12	2.46			-0.33	
C7-SEQUENCE III	1.90	-0.43	1.93		0.45	-0.27					0.14				1.02	2.84		
C8-SEQUENCE III	1.33	0.39	-0.37		0.57	-0.12					-0.57				0.91	0.99		
CAL-A-CALIBRATION PISTON																		
CAL-B-CALIBRATION PISTON																		
CAL-C-CALIBRATION PISTON	0.59	-0.11	-0.20		-0.19	0.19		0.22										
CAL-D-CALIBRATION PISTON	-0.35	0.13	-0.71			1.32		-0.08										
CAL-N-CAL DV4 PISTON	-0.11	-0.29	-0.57		0.46	-0.25												
CAL-W-CAL FIELD PISTON	0.80	0.10	-0.18		-0.55	-0.46									1.42	-0.76		
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																		0.80
F1-4-2-CAL. SEQ V PISTONS																		-0.25
F1-4-3-CAL. SEQ V PISTONS																		-1.10
F1-4-4-CAL. SEQ V PISTONS																		-1.28
G1-4-1-CAL. SEQ V PISTONS																		1.15
G1-4-2-CAL. SEQ V PISTONS																		1.61
G1-4-3-CAL. SEQ V PISTONS																		0.57
G1-4-4-CAL. SEQ V PISTONS																		-0.99
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	1.90	1.79	2.49	-0.61	-0.75	2.18	2.15	0.61	0.74	1.55	-0.57	-0.83	1.29	2.46	2.53	2.84	-0.33	1.61
MINIMUM	-0.11	0.10	-0.09	-0.19	0.10	-0.12	-0.28	-0.02	0.74	-0.16	0.14	0.00	-0.12	-0.57	0.91	0.74	-0.33	-0.25
RANGE(MAX-MIN)	2.010	1.690	2.580	-0.420	-0.850	2.300	2.430	0.630	0.000	1.710	-0.710	-0.830	1.410	3.030	1.620	2.100	0.000	1.860
MEAN	0.334	0.168	0.360	-0.400	0.107	0.435	0.688	0.258	0.740	0.923	-0.080	-0.415	0.585	0.945	1.470	0.953	-0.330	0.064
STANDARD DEVIATION	0.808	0.883	1.061	0.297	0.460	0.943	1.352	0.275	0.000	0.942	0.381	0.587	0.997	2.143	0.740	1.477	0.000	1.117

HEAVY DUTY RATING WORKSHOP (2013 October 8-10)

Rater= Fujita, Hirokazu

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	-0.07	0.54	-0.43	-0.35	-0.43	0.75	3.36	-0.30										
A2-KEYSTONE	0.12	-0.68	0.13		-0.24	-0.53	-0.53	-0.53	1.05	-0.25	0.14	-0.34	0.00	-0.25				
A3-C13-STYLE	0.55	-0.40	-0.34		-0.52	-1.24	-0.05			0.50								
A4-SQUARE CUT	0.72	1.33	-0.35	-0.47	-0.24	-0.52	-0.53	-0.66										
A5-SEQUENCE III	0.40	0.18	0.50		-0.74	-0.95					-0.41				0.11	-0.11		
A6-ARTICULATED 2-PIECE	-0.98	-0.13	1.27		-0.35	-0.38	-0.63	0.94		-1.80		-0.89	-2.58	-0.80			0.73	
A7-SEQUENCE III	1.93	-0.32	1.27		-0.31	-0.39					-0.63				-0.64	-0.59		
A8-SEQUENCE III	1.31	-0.18	-0.13		-0.81	-0.10					-0.03				0.01	0.06		
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	-1.16	-0.57	0.27		0.52	1.84		-0.14										
CAL-B-CALIBRATION PISTON	0.29	0.04	0.03		-0.58	-0.10		-0.04										
CAL-C-CALIBRATION PISTON																		
CAL-D-CALIBRATION PISTON																		
CAL-N-CAL DV4 PISTON	-0.80	-0.49	2.74		-2.26	-0.32												
CAL-W-CAL FIELD PISTON	-0.34	-0.45	0.03		-0.29	-0.30									1.15	1.32		
E1-4-1-CAL. SEQ V PISTONS																		1.70
E1-4-2-CAL. SEQ V PISTONS																		2.01
E1-4-3-CAL. SEQ V PISTONS																		2.41
E1-4-4-CAL. SEQ V PISTONS																		1.65
F1-4-1-CAL. SEQ V PISTONS																		2.54
F1-4-2-CAL. SEQ V PISTONS																		3.29
F1-4-3-CAL. SEQ V PISTONS																		2.90
F1-4-4-CAL. SEQ V PISTONS																		2.86
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	1.93	1.33	2.74	-0.47	-2.26	1.84	3.36	0.94	1.05	-1.80	-0.63	-0.89	-2.58	-0.80	1.15	1.32	0.73	3.29
MINIMUM	-0.07	0.04	0.03	-0.35	-0.24	-0.10	-0.05	-0.04	1.05	-0.25	-0.03	-0.34	0.00	-0.25	0.01	0.06	0.73	1.65
RANGE(MAX-MIN)	2.000	1.290	2.710	-0.120	-2.020	1.940	3.410	0.980	0.000	-1.550	-0.600	-0.550	-2.580	-0.550	1.140	1.260	0.000	1.640
MEAN	0.164	-0.094	0.416	-0.410	-0.521	-0.187	0.538	-0.122	1.050	-0.517	-0.233	-0.615	-1.290	-0.525	0.158	0.170	0.730	2.420
STANDARD DEVIATION	0.918	0.566	0.926	0.085	0.642	0.799	1.899	0.570	0.000	1.173	0.351	0.389	1.824	0.389	0.741	0.815	0.000	0.595

HEAVY DUTY RATING WORKSHOP (2013 October 8-10)

Rater= Guarda, Waldyr

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	1.27	-0.87	-0.79	-0.09	-0.49	-0.19	0.27	1.57										
B2-KEYSTONE	-0.89	-1.21	0.56		2.83	2.39	0.29	1.09	1.61	0.69	-0.68	-0.27	-0.27					
B3-C13-STYLE	1.44	0.10	-0.15		1.62	-0.48	0.88			-0.05								
B4-SQUARE CUT	0.34	-0.87	-0.03	-0.32	-0.11	-0.12	-0.74	1.50										
B5-SEQUENCE III	-0.72	2.61	-0.30		0.55	0.42					-0.55				2.25	2.41		
B6-ARTICULATED 2-PIECE	1.90	1.76	-0.51		1.39	0.22	-0.24	1.92		1.73		1.81	1.72	-0.25			-1.42	
B7-SEQUENCE III	-0.55	-0.45	-0.65		-0.08	0.08					-0.41				0.50	1.65		
B8-SEQUENCE III	0.77	0.50	-1.42		0.83	-0.37					0.00				0.25	-0.20		
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	0.06	-0.67	-0.11		1.80	3.13		0.84										
CAL-B-CALIBRATION PISTON																		
CAL-C-CALIBRATION PISTON	1.91	-0.16	-0.27		-0.23	0.23		-1.26										
CAL-D-CALIBRATION PISTON																		
CAL-N-CAL DV4 PISTON	-0.23	-0.74	-0.39		1.04	0.39												
CAL-W-CAL FIELD PISTON	0.37	0.49	0.07		0.85	-0.41									-0.13	0.11		
E1-4-1-CAL. SEQ V PISTONS																		1.04
E1-4-2-CAL. SEQ V PISTONS																		0.78
E1-4-3-CAL. SEQ V PISTONS																		0.47
E1-4-4-CAL. SEQ V PISTONS																		0.86
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																		-0.13
G1-4-2-CAL. SEQ V PISTONS																		-0.17
G1-4-3-CAL. SEQ V PISTONS																		0.45
G1-4-4-CAL. SEQ V PISTONS																		-0.17
Q1-8-1-SEQ V PISTONS																		-0.77
Q1-8-2-SEQ V PISTONS																		-1.40
Q1-8-3-SEQ V PISTONS																		-1.25
Q1-8-4-SEQ V PISTONS																		-0.70
Q1-8-5-SEQ V PISTONS																		0.27
Q1-8-6-SEQ V PISTONS																		-0.37
Q1-8-7-SEQ V PISTONS																		-0.98
Q1-8-8-SEQ V PISTONS																		-0.25
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																		-0.54
S1-8-2-SEQ V PISTONS																		-0.85
S1-8-3-SEQ V PISTONS																		-0.27
S1-8-4-SEQ V PISTONS																		-0.32
S1-8-5-SEQ V PISTONS																		-0.51
S1-8-6-SEQ V PISTONS																		-1.08
S1-8-7-SEQ V PISTONS																		-0.61
S1-8-8-SEQ V PISTONS																		-0.39
T1-FIELD PISTON	0.04	-0.87	-0.31		0.44	-0.49									1.18	0.60		
U1-FIELD PISTON																		
V1-FIELD PISTON	-0.06	-0.09	-0.60		-0.21	-0.86									0.75	0.30		
X1-DV4 PISTON	-0.28	2.41	0.23		-0.92	-0.04												
Y1-DV4 PISTON																		
Z1-DV4 PISTON	1.94	1.11	0.67		0.42	-0.25												
MAXIMUM	1.94	2.61	-1.42	-0.32	2.83	3.13	0.88	1.92	1.09	1.73	0.69	1.81	1.72	-0.27	2.25	2.41	-1.42	-1.40
MINIMUM	0.04	-0.09	-0.03	-0.09	-0.08	-0.04	-0.24	0.29	1.09	-0.05	0.00	-0.68	-0.27	-0.25	-0.13	0.11	-1.42	-0.13
RANGE(MAX-MIN)	1.900	2.700	-1.390	-0.230	2.910	3.170	1.120	1.630	0.000	1.780	0.690	2.490	1.990	-0.020	2.380	2.300	0.000	-1.270
MEAN	0.457	0.191	-0.250	-0.205	0.608	0.228	0.043	0.810	1.090	-1.097	-0.068	0.565	0.725	-0.260	0.800	0.812	-1.420	-0.287
STANDARD DEVIATION	0.965	1.207	0.513	0.163	0.975	1.056	0.694	1.170	0.000	0.995	0.556	1.761	1.407	0.014	0.837	1.008	0.000	0.657

HEAVY DUTY RATING WORKSHOP (2013 October 8-10)

Rater= Gutzwiller, Jim

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	-0.13	1.74	2.55	1.05	0.12	2.12	2.83	-0.40											
C2-KEYSTONE	0.23	0.77	0.94		0.84	1.15		-0.97	-0.29	-0.16	-0.80	0.41	-0.39	-0.57					
C3-C13-STYLE	0.93	1.13	1.43		-0.48	1.41	1.14			0.18									
C4-SQUARE CUT	0.77	2.65	0.15	0.30	0.71	0.99	1.00	0.45											
C5-SEQUENCE III	-0.36	-0.40	2.28		1.37	-0.43					-0.54				0.99	2.00			
C6-ARTICULATED 2-PIECE	-0.32	0.19	1.27		0.04	1.26	1.08	-0.69		0.58		-0.12	0.47	-0.38			2.43		
C7-SEQUENCE III	-0.47	-0.24	1.17		2.07	-0.24					-0.75				2.76	1.67			
C8-SEQUENCE III	0.64	-0.65	1.66		1.32	-0.31					0.60				2.81	2.22			
CAL-A-CALIBRATION PISTON	0.67	-0.75	-0.11		1.10	0.73		1.50											
CAL-B-CALIBRATION PISTON																			
CAL-C-CALIBRATION PISTON																			
CAL-D-CALIBRATION PISTON	-0.13	-0.33	0.77		-0.17	1.31		1.12											
CAL-N-CAL DV4 PISTON	0.94	0.96	0.20		0.57	-0.36													
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	0.94	2.65	2.55	1.05	2.07	2.12	2.83	1.50	-0.29	0.58	-0.80	0.41	0.47	-0.57	2.81	2.22	2.43		
MINIMUM	-0.13	0.19	-0.11	0.30	0.04	-0.24	1.00	-0.40	-0.29	-0.16	-0.54	-0.12	-0.39	-0.38	0.99	1.67	2.43		
RANGE(MAX-MIN)	1.070	2.460	2.660	0.750	2.030	2.360	1.830	1.900	0.000	0.740	-0.260	0.530	0.860	-0.190	1.820	0.550	0.000		
MEAN	0.252	0.461	1.119	0.675	0.681	0.694	1.513	0.168	-0.290	0.200	-0.373	0.145	0.040	-0.475	2.187	1.963	2.430		
STANDARD DEVIATION	0.552	1.089	0.852	0.530	0.763	0.883	0.880	1.011	0.000	0.370	0.658	0.375	0.608	0.134	1.037	0.277	0.000		

HEAVY DUTY RATING WORKSHOP (2013 October 8-10)

Rater= Hill, Howard P.

YI Values

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

PartID	G1TOT	G2TOT	G3TOT	G4TOT	I2TOT	I3TOT	I4TOT	IGF	USTOT	I1TOT	UCTOT	SGF	TLHC	TLEC	THTOT	ATTOT	OCTOT	PSV
A1-SQUARE CUT	0.05	-1.31	-0.38	0.13	-0.44	-1.27	-1.10	0.45										
A2-KEYSTONE	-0.61	1.13	0.37		-0.28	1.12		-0.06	1.44	-0.60	1.25	0.63	0.00	-0.25				
A3-C13-STYLE	1.00	-0.60	1.57		0.12	-0.41	2.20			-1.41								
A4-SQUARE CUT	0.13	-1.08	-1.05	-0.88	-0.44	-0.65	-1.25	0.75										
A5-SEQUENCE III	-1.89	-3.49	1.70		2.37	-1.00					-2.39				-1.16	-1.00		
A6-ARTICULATED 2-PIECE	-1.18	-1.00	-0.63		-0.38	2.33	0.01	0.09		-0.27		-0.69	0.88	-0.80			-1.38	
A7-SEQUENCE III	-1.22	-0.93	-1.51		-0.04	-0.64					-2.15				-1.82	-1.10		
A8-SEQUENCE III	-0.96	-1.51	0.88		1.04	-2.69					-0.88				0.45	-0.34		
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	-0.64	-2.12	-0.39		-0.30	0.05		0.11										
CAL-C-CALIBRATION PISTON	0.87	-0.39	-0.07		-0.60	-0.20		0.49										
CAL-D-CALIBRATION PISTON																		
CAL-N-CAL DV4 PISTON																		
CAL-W-CAL FIELD PISTON																		
E1-4-1-CAL. SEQ V PISTONS																		0.81
E1-4-2-CAL. SEQ V PISTONS																		1.14
E1-4-3-CAL. SEQ V PISTONS																		0.69
E1-4-4-CAL. SEQ V PISTONS																		1.65
F1-4-1-CAL. SEQ V PISTONS																		-1.10
F1-4-2-CAL. SEQ V PISTONS																		-0.45
F1-4-3-CAL. SEQ V PISTONS																		0.24
F1-4-4-CAL. SEQ V PISTONS																		0.48
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																		-0.65
Q1-8-2-SEQ V PISTONS																		-0.50
Q1-8-3-SEQ V PISTONS																		-0.07
Q1-8-4-SEQ V PISTONS																		-0.67
Q1-8-5-SEQ V PISTONS																		0.63
Q1-8-6-SEQ V PISTONS																		-1.11
Q1-8-7-SEQ V PISTONS																		-1.05
Q1-8-8-SEQ V PISTONS																		-0.66
R1-8-1-SEQ V PISTONS																		-0.71
R1-8-2-SEQ V PISTONS																		-0.74
R1-8-3-SEQ V PISTONS																		-1.50
R1-8-4-SEQ V PISTONS																		-0.72
R1-8-5-SEQ V PISTONS																		-0.61
R1-8-6-SEQ V PISTONS																		-0.59
R1-8-7-SEQ V PISTONS																		-1.27
R1-8-8-SEQ V PISTONS																		-1.43
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	0.62	-0.18	-0.87		-0.38	-0.12									0.93	0.58		
U1-FIELD PISTON	0.69	-0.86	-0.30		0.48	-0.50									1.76	-0.42		
V1-FIELD PISTON																		
X1-DV4 PISTON	-0.28	-1.03	-0.37		1.08	-0.61												
Y1-DV4 PISTON	-0.44	-0.30	-0.24		0.83	-0.21												
Z1-DV4 PISTON																		
MAXIMUM	-1.89	-3.49	1.70	-0.88	2.37	-2.69	2.20	0.75	1.44	-1.41	-2.39	-0.69	0.88	-0.80	-1.82	-1.10	-1.38	1.65
MINIMUM	0.05	-0.18	-0.07	0.13	-0.04	0.05	0.01	-0.06	1.44	-0.27	-0.88	0.63	0.00	-0.25	0.45	-0.34	-1.38	-0.07
RANGE(MAX-MIN)	-1.940	-3.310	1.770	-1.010	2.410	-2.740	2.190	0.810	0.000	-1.140	-1.510	-1.320	0.880	-0.550	-2.270	-0.760	0.000	1.720
MEAN	-0.276	-0.976	-0.092	-0.375	0.219	-0.343	-0.035	0.305	1.440	-0.760	-1.043	-0.030	0.440	-0.525	0.032	-0.456	-1.380	-0.341
STANDARD DEVIATION	0.877	1.040	0.931	0.714	0.847	1.130	1.592	0.307	0.000	0.587	1.666	0.933	0.622	0.389	1.485	0.671	0.000	0.848

HEAVY DUTY RATING WORKSHOP (2013 October 8-10)

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																		
A2-KEYSTONE																		
A3-C13-STYLE																		
A4-SQUARE CUT																		
A5-SEQUENCE III																		
A6-ARTICULATED 2-PIECE																		
A7-SEQUENCE III																		
A8-SEQUENCE III																		
B1-SQUARE CUT	0.38	0.30	0.15	-0.09	1.18	0.72	0.07	-0.18										
B2-KEYSTONE	0.03	0.95	1.51		-0.12	1.25		0.90	0.39	1.51	0.85	-0.62	-0.27	-0.27				
B3-C13-STYLE	0.26	0.24	1.05		-1.24	2.19	0.91			0.84								
B4-SQUARE CUT	0.30	-0.27	-0.19	0.67	-0.67	-0.15	-0.10	0.46										
B5-SEQUENCE III	0.98	-0.39	0.14		-0.82	0.42					0.11				-0.41	-0.34		
B6-ARTICULATED 2-PIECE	-0.66	-1.00	-0.09		0.96	1.14	-0.22	-0.44		-0.18		-0.23	-0.24	-0.88			0.74	
B7-SEQUENCE III	1.14	-0.17	-0.09		0.18	1.70					0.98				-0.97	-0.68		
B8-SEQUENCE III	-0.19	0.08	1.26		0.31	-1.02					0.49				-0.80	-0.43		
C1-SQUARE CUT																		
C2-KEYSTONE																		
C3-C13-STYLE																		
C4-SQUARE CUT																		
C5-SEQUENCE III	-0.19	-0.40	0.13		-0.44	0.05					-0.17				-0.81	-0.44		
C6-ARTICULATED 2-PIECE																		
C7-SEQUENCE III	-0.52	-0.34	-0.55		-0.52	-0.84					0.85				-0.46	-0.32		
C8-SEQUENCE III	0.35	0.39	-1.16		-0.35	-0.10					-1.03				-0.37	-0.24		
CAL-A-CALIBRATION PISTON																		
CAL-B-CALIBRATION PISTON	0.20	0.32	-0.22		-0.85	-0.24		0.16										
CAL-C-CALIBRATION PISTON																		
CAL-D-CALIBRATION PISTON	0.79	-0.09	0.57		-0.15	1.08		0.20										
CAL-N-CAL DV4 PISTON	-0.50	0.61	2.74		0.19	-0.40												
CAL-W-CAL FIELD PISTON	-0.01	-0.45	0.33		-0.71	-0.40									0.21	1.38		
E1-4-1-CAL. SEQ V PISTONS																		0.15
E1-4-2-CAL. SEQ V PISTONS																		-0.56
E1-4-3-CAL. SEQ V PISTONS																		-0.70
E1-4-4-CAL. SEQ V PISTONS																		-0.55
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																		-0.49
G1-4-2-CAL. SEQ V PISTONS																		-0.43
G1-4-3-CAL. SEQ V PISTONS																		-0.60
G1-4-4-CAL. SEQ V PISTONS																		-0.41
Q1-8-1-SEQ V PISTONS																		-0.08
Q1-8-2-SEQ V PISTONS																		-0.30
Q1-8-3-SEQ V PISTONS																		-0.72
Q1-8-4-SEQ V PISTONS																		-1.00
Q1-8-5-SEQ V PISTONS																		-0.67
Q1-8-6-SEQ V PISTONS																		-0.82
Q1-8-7-SEQ V PISTONS																		-0.43
Q1-8-8-SEQ V PISTONS																		-0.89
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																		-0.46
S1-8-2-SEQ V PISTONS																		-0.76
S1-8-3-SEQ V PISTONS																		-0.81
S1-8-4-SEQ V PISTONS																		-0.69
S1-8-5-SEQ V PISTONS																		-0.93
S1-8-6-SEQ V PISTONS																		-0.70
S1-8-7-SEQ V PISTONS																		-0.90
S1-8-8-SEQ V PISTONS																		-0.53
T1-FIELD PISTON	-0.42	0.05	0.35		-0.26	-0.19									0.68	0.58		
U1-FIELD PISTON																		
V1-FIELD PISTON	-0.53	-0.31	0.35		0.22	-0.76									0.35	0.96		
X1-DV4 PISTON	-0.38	-0.27	0.31		1.02	1.47												
Y1-DV4 PISTON																		
Z1-DV4 PISTON	-0.63	0.19	0.09		0.42	0.28												
MAXIMUM	1.14	-1.00	2.74	0.67	-1.24	2.19	0.91	0.90	0.39	1.51	-1.03	-0.62	-0.27	-0.88	-0.97	1.38	0.74	-1.00
MINIMUM	-0.01	0.05	-0.09	-0.09	-0.12	0.05	0.07	0.16	0.39	-0.18	0.11	-0.23	-0.24	-0.27	0.21	-0.24	0.74	-0.08
RANGE(MAX-MIN)	1.150	-1.050	2.830	0.760	-1.120	2.140	0.840	0.740	0.000	1.690	-1.140	-0.390	-0.030	-0.610	-1.180	1.620	0.000	-0.920
MEAN	0.021	-0.029	0.352	0.290	-0.087	0.326	0.165	0.183	0.390	0.297	-0.425	-0.255	-0.575	-0.287	0.052	0.740	0.000	-0.595
STANDARD DEVIATION	0.546	0.448	0.841	0.537	0.674	0.925	0.511	0.471	0.000	0.851	0.722	0.276	0.021	0.431	0.575	0.729	0.000	0.269

HEAVY DUTY RATING WORKSHOP (2013 October 8-10)

Rater= Jadulal, Vishnu

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	3.99	-1.40	1.81	3.54	3.36	1.15	1.58	3.95										
C2-KEystone	1.28	0.48	0.99		1.47	1.70		2.72	2.55	0.39	1.92	2.69	0.45	-0.28				
C3-C13-STYLE	1.10	-0.13	-0.10		0.37	1.03	0.31			0.25								
C4-SQUARE CUT	0.10	-0.45	3.08	3.51	-0.74	2.25	2.41	2.06										
C5-SEQUENCE III	3.59	2.64	1.76		1.53	3.28					3.52				1.64	1.75		
C6-ARTICULATED 2-PIECE	1.47	0.05	0.47		-0.57	-0.03	2.16	2.90		-1.41		2.49	-0.71	-0.38			-0.89	
C7-SEQUENCE III																		
C8-SEQUENCE III																		
CAL-A-CALIBRATION PISTON																		
CAL-B-CALIBRATION PISTON																		
CAL-C-CALIBRATION PISTON	-0.31	-1.01	-0.09		-0.23	-0.32		-0.09										
CAL-D-CALIBRATION PISTON	0.40	-1.16	1.04		-1.34	-1.06		0.29										
CAL-N-CAL DV4 PISTON	0.66	0.02	1.00		1.20	2.27												
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	3.99	2.64	3.08	3.54	3.36	3.28	2.41	3.95	2.55	-1.41	3.52	2.69	-0.71	-0.38	1.64	1.75	-0.89	
MINIMUM	0.10	0.02	-0.09	3.51	-0.23	-0.03	0.31	-0.09	2.55	0.25	1.92	2.49	0.45	-0.28	1.64	1.75	-0.89	
RANGE(MAX-MIN)	3.890	2.620	3.170	0.030	3.590	3.310	2.100	4.040	0.000	-1.660	1.600	0.200	-1.160	-0.100	0.000	0.000	0.000	
MEAN	1.364	-0.107	1.107	3.525	0.561	1.141	1.615	1.972	2.550	-0.257	2.720	2.590	-0.130	-0.330	1.640	1.750	-0.890	
STANDARD DEVIATION	1.490	1.207	1.009	0.021	1.469	1.403	0.937	1.576	0.000	1.001	1.131	0.141	0.820	0.071	0.000	0.000	0.000	

HEAVY DUTY RATING WORKSHOP (2013 October 8-10)

Rater= Kanauchi, Masaya

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	-1.55	2.52	0.31	-0.35	-0.47	-0.05	-0.16	0.98										
A2-KEYSTONE	1.50	-1.49	-0.04		-0.46	1.00		0.13	-0.48	-0.63	0.78	0.75	0.00	-0.25				
A3-C13-STYLE	0.58	0.10	0.34		-1.20	0.72	0.97			-1.03								
A4-SQUARE CUT	-0.99	-0.14	0.03	0.44	-0.75	-0.09	-0.24	0.14										
A5-SEQUENCE III	-1.43	0.18	-0.86		-0.84	0.02					0.80				-0.87	0.04		
A6-ARTICULATED 2-PIECE	0.60	-1.20	-0.69		-1.99	-1.16	0.49	-0.37		-1.71		-0.76	-0.78	-0.80			1.02	
A7-SEQUENCE III	-0.92	-0.41	0.06		-0.19	-0.36					1.46				-0.07	0.04		
A8-SEQUENCE III	-0.76	-0.18	0.53		-0.81	-0.10					0.45				-0.04	0.29		
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	-1.89	1.09	-0.49		0.05	0.61		0.11										
CAL-B-CALIBRATION PISTON	1.01	0.46	-0.17		-0.43	-0.07		0.56										
CAL-C-CALIBRATION PISTON																		
CAL-D-CALIBRATION PISTON																		
CAL-N-CAL DV4 PISTON	-0.99	-1.69	-0.63		-0.50	-0.43												
CAL-W-CAL FIELD PISTON	-1.74	-0.47	-0.21		-0.59	-0.43									1.78	2.36		
E1-4-1-CAL. SEQ V PISTONS																		1.37
E1-4-2-CAL. SEQ V PISTONS																		0.49
E1-4-3-CAL. SEQ V PISTONS																		0.77
E1-4-4-CAL. SEQ V PISTONS																		0.96
F1-4-1-CAL. SEQ V PISTONS																		1.26
F1-4-2-CAL. SEQ V PISTONS																		0.47
F1-4-3-CAL. SEQ V PISTONS																		1.08
F1-4-4-CAL. SEQ V PISTONS																		1.00
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	-1.89	2.52	-0.86	0.44	-1.99	-1.16	0.97	0.98	-0.48	-1.71	1.46	-0.76	-0.78	-0.80	1.78	2.36	1.02	1.37
MINIMUM	0.58	0.10	0.03	-0.35	0.05	0.02	-0.16	0.11	-0.48	-0.63	0.45	0.75	0.00	-0.25	-0.04	0.04	1.02	0.47
RANGE(MAX-MIN)	-2.470	2.420	-0.890	0.790	-2.040	-1.180	1.130	0.870	0.000	-1.080	1.010	-1.510	-0.780	-0.550	1.820	2.320	0.000	0.900
MEAN	-0.548	-0.103	-0.152	0.045	-0.682	-0.028	0.265	0.258	-0.480	-1.123	0.873	-0.005	-0.390	-0.525	0.200	0.683	1.020	0.925
STANDARD DEVIATION	1.160	1.153	0.442	0.559	0.522	0.584	0.573	0.460	0.000	0.546	0.423	1.068	0.552	0.389	1.121	1.125	0.000	0.330

HEAVY DUTY RATING WORKSHOP (2013 October 8-10)

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																		
A2-KEYSTONE																		
A3-C13-STYLE																		
A4-SQUARE CUT	-0.09	-0.37	-0.47	-0.29	-0.74	-0.96	-0.65	-1.47										
A5-SEQUENCE III																		
A6-ARTICULATED 2-PIECE																		
A7-SEQUENCE III																		
A8-SEQUENCE III																		
B1-SQUARE CUT	0.38	-1.00	-0.69	-0.16	-0.57	-0.88	-0.65	-0.47										
B2-KEYSTONE	-0.08	0.95	0.56		-0.32	-0.84		0.09	-0.53	-0.12	0.41	0.54	-0.27	3.47				
B3-C13-STYLE																		
B4-SQUARE CUT	-0.94	0.11	-0.81	-0.86	-0.44	-1.18	-1.44	-0.41										
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	-0.39	-0.76		0.22	0.75		0.93										
CAL-B-CALIBRATION PISTON	-0.72	0.21	-0.39		0.00	-0.71		-0.04										
CAL-C-CALIBRATION PISTON	-0.03	-0.26	-0.22		-0.20	-0.36		0.22										
CAL-D-CALIBRATION PISTON	-0.24	-0.13	0.54		-0.18	0.05		0.11										
CAL-N-CAL DV4 PISTON	-0.30	-0.15	-0.59		0.25	-0.36												
CAL-W-CAL FIELD PISTON	0.26	0.13	-0.08		-0.21	-0.38									1.15	0.93		
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	-0.33	-0.41	-0.55		0.44	-0.71												
Y1-DV4 PISTON	-0.76	-0.08	-0.28		-0.51	-0.26												
Z1-DV4 PISTON	-0.14	0.93	-0.04		0.05	-0.95												
MAXIMUM	-0.94	-1.00	-0.81	-0.86	-0.74	-1.18	-1.44	-1.47	-0.53	-0.12	0.41	0.54	-0.27	3.47	1.15	0.93		
MINIMUM	-0.03	-0.08	-0.04	-0.16	0.00	0.05	-0.65	-0.04	-0.53	-0.12	0.41	0.54	-0.27	3.47	1.15	0.93		
RANGE(MAX-MIN)	-0.910	-0.920	-0.770	-0.700	-0.740	-1.230	-0.790	-1.430	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000		
MEAN	-0.202	-0.035	-0.291	-0.437	-0.170	-0.522	-0.913	-0.130	-0.530	-0.120	0.410	0.540	-0.270	3.470	1.150	0.930		
STANDARD DEVIATION	0.418	0.532	0.445	0.372	0.351	0.516	0.456	0.692	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000		

HEAVY DUTY RATING WORKSHOP (2013 October 8-10)

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	-0.50	-0.14	1.74	0.35	1.88	-0.52	-0.12	-1.47										
A5-SEQUENCE III	0.08	0.18	-0.88		0.36	0.22					-1.42				-0.33	1.66		
A6-ARTICULATED 2-PIECE																		
A7-SEQUENCE III	-0.05	-0.41	-0.10		-0.41	-0.15					-1.45				0.82	0.80		
A8-SEQUENCE III	-1.35	-0.18	0.37		0.48	-0.10					-0.30				0.45	0.58		
B1-SQUARE CUT																		
B2-KEYSTONE																		
B3-C13-STYLE																		
B4-SQUARE CUT																		
B5-SEQUENCE III																		
B6-ARTICULATED 2-PIECE																		
B7-SEQUENCE III	1.01	-0.45	1.41		0.57	0.99					-1.30				1.22	0.49		
B8-SEQUENCE III																		
C1-SQUARE CUT	-0.40	-1.33	0.53	0.55	0.40	0.57	-0.34	0.08										
C2-KEYSTONE																		
C3-C13-STYLE																		
C4-SQUARE CUT	-2.57	-0.74	0.86	1.20	-1.80	0.92	1.10	-2.35										
C5-SEQUENCE III																		
C6-ARTICULATED 2-PIECE																		
C7-SEQUENCE III	-0.55	-0.43	-0.75		0.90	2.92					-0.13				1.17	0.36		
C8-SEQUENCE III	0.08	-0.65	0.96		0.15	0.05					-0.13				1.53	0.37		
CAL-A-CALIBRATION PISTON	1.83	-0.65	0.27		0.23	-0.66		-0.14										
CAL-B-CALIBRATION PISTON																		
CAL-C-CALIBRATION PISTON																		
CAL-D-CALIBRATION PISTON	4.27	-1.36	-0.01		0.16	-0.69		-0.91										
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																		-0.06
F1-4-2-CAL. SEQ V PISTONS																		-0.38
F1-4-3-CAL. SEQ V PISTONS																		-0.91
F1-4-4-CAL. SEQ V PISTONS																		0.21
G1-4-1-CAL. SEQ V PISTONS																		0.40
G1-4-2-CAL. SEQ V PISTONS																		0.09
G1-4-3-CAL. SEQ V PISTONS																		-0.60
G1-4-4-CAL. SEQ V PISTONS																		-0.40
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																		0.80
R1-8-2-SEQ V PISTONS																		0.17
R1-8-3-SEQ V PISTONS																		-0.43
R1-8-4-SEQ V PISTONS																		0.06
R1-8-5-SEQ V PISTONS																		1.26
R1-8-6-SEQ V PISTONS																		0.28
R1-8-7-SEQ V PISTONS																		0.02
R1-8-8-SEQ V PISTONS																		0.20
S1-8-1-SEQ V PISTONS																		0.59
S1-8-2-SEQ V PISTONS																		-0.58
S1-8-3-SEQ V PISTONS																		0.03
S1-8-4-SEQ V PISTONS																		-0.51
S1-8-5-SEQ V PISTONS																		1.11
S1-8-6-SEQ V PISTONS																		0.09
S1-8-7-SEQ V PISTONS																		-0.24
S1-8-8-SEQ V PISTONS																		-0.53
T1-FIELD PISTON																		
U1-FIELD PISTON																		
V1-FIELD PISTON																		
X1-DV4 PISTON																		
Y1-DV4 PISTON	2.20	3.60	3.74		2.19	3.75												
Z1-DV4 PISTON																		
MAXIMUM	4.27	3.60	3.74	1.20	2.19	3.75	1.10	-2.35			-1.45				1.53	1.66		1.26
MINIMUM	-0.05	-0.14	-0.01	0.35	0.15	0.05	-0.12	0.08			-0.13				-0.33	0.36		0.02
RANGE(MAX-MIN)	4.320	3.740	3.750	0.850	2.040	3.700	1.220	-2.430			-1.320				1.860	1.300		1.240
MEAN	0.338	-0.213	0.678	0.700	0.426	0.608	0.213	-0.958			-0.788				0.810	0.710		0.028
STANDARD DEVIATION	1.790	1.282	1.242	0.444	1.014	1.400	0.776	0.994			0.664				0.670	0.493		0.543

HEAVY DUTY RATING WORKSHOP (2013 October 8-10)

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	1.53	0.28	0.43	-0.35	-0.32	1.41	0.38	1.19										
A2-KEYSTONE	0.55	1.12	-1.07		0.01	0.41		0.97	-0.59	0.96	0.19	0.14	0.00	-0.25				
A3-C13-STYLE	1.21	1.09	0.43		0.34	0.39	-1.44			1.49								
A4-SQUARE CUT	1.97	-0.01	-0.20	0.44	-0.13	1.21	0.81	3.16										
A5-SEQUENCE III	0.51	0.18	1.64		1.53	-0.83					0.24				1.23	-0.50		
A6-ARTICULATED 2-PIECE	0.20	1.20	0.45		1.89	0.28	-0.41	1.36		1.45		2.27	1.03	0.89			-0.61	
A7-SEQUENCE III	0.40	0.31	1.39		0.08	0.02					0.58				0.64	-0.34		
A8-SEQUENCE III	2.04	-0.18	2.12		0.04	-0.10					0.36				0.75	1.39		
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	0.21	-0.05	1.30		0.68	0.50		0.76										
CAL-B-CALIBRATION PISTON	-0.81	0.90	-0.47		-0.22	-0.22		0.36										
CAL-C-CALIBRATION PISTON																		
CAL-D-CALIBRATION PISTON																		
CAL-N-CAL DV4 PISTON	-0.31	-0.10	-0.92		-0.55	-0.32												
CAL-W-CAL FIELD PISTON																		
E1-4-1-CAL. SEQ V PISTONS																		0.19
E1-4-2-CAL. SEQ V PISTONS																		0.09
E1-4-3-CAL. SEQ V PISTONS																		-0.26
E1-4-4-CAL. SEQ V PISTONS																		0.24
F1-4-1-CAL. SEQ V PISTONS																		-0.21
F1-4-2-CAL. SEQ V PISTONS																		-0.47
F1-4-3-CAL. SEQ V PISTONS																		0.28
F1-4-4-CAL. SEQ V PISTONS																		0.42
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	-0.53	0.21	-0.07		-0.18	-0.55									-0.12	-0.38		
U1-FIELD PISTON	0.47	-0.50	-1.11		-0.73	-0.18									0.10	-1.60		
V1-FIELD PISTON																		
X1-DV4 PISTON	0.05	1.23	-0.29		-0.27	-0.34												
Y1-DV4 PISTON	1.48	-0.03	-0.01		-0.65	-0.25												
Z1-DV4 PISTON																		
MAXIMUM	2.04	1.23	2.12	0.44	1.89	1.41	-1.44	3.16	-0.59	1.49	0.58	2.27	1.03	0.89	1.23	-1.60	-0.61	-0.47
MINIMUM	0.05	-0.01	-0.01	-0.35	0.01	0.02	0.38	0.36	-0.59	0.96	0.19	0.14	0.00	-0.25	0.10	-0.34	-0.61	0.09
RANGE(MAX-MIN)	1.990	1.240	2.130	0.790	1.880	1.390	-1.820	2.800	0.000	0.530	0.390	2.130	1.030	1.140	1.130	-1.260	0.000	-0.560
MEAN	0.598	0.377	0.241	0.045	0.101	0.095	-0.165	1.300	-0.590	1.300	0.343	1.205	0.515	0.320	0.520	-0.286	-0.610	0.035
STANDARD DEVIATION	0.876	0.575	1.003	0.559	0.750	0.617	0.989	0.976	0.000	0.295	0.174	1.506	0.728	0.806	0.538	1.072	0.000	0.312

HEAVY DUTY RATING WORKSHOP (2013 October 8-10)

Rater= Lauderdale, 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	-0.21	-0.49	-1.07	0.07	0.37	-0.75	-0.70	-0.03											
B2-KEYSTONE																			
B3-C13-STYLE																			
B4-SQUARE CUT	-0.10	-0.54	0.62	1.03	-0.75	2.22	1.05	-1.27											
B5-SEQUENCE III	-1.90	-0.39	0.89		-1.20	-0.55					-0.38				-0.10	0.49			
B6-ARTICULATED 2-PIECE	-1.10	-1.22	0.23		-1.59	-0.73	0.15	-0.33		0.11		0.59	0.08	-0.88			-1.01		
B7-SEQUENCE III	-1.24	-0.17	1.17		-1.23	-0.42					1.29				-0.61	-0.23			
B8-SEQUENCE III	-0.65	0.92	1.54		-1.05	-0.59					0.03				0.15	-0.24			
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	0.17	0.29	-0.49		-1.23	-0.27		0.11											
CAL-B-CALIBRATION PISTON																			
CAL-C-CALIBRATION PISTON	-0.06	-0.82	-0.26		-0.94	-0.51		0.22											
CAL-D-CALIBRATION PISTON																			
CAL-N-CAL DV4 PISTON	-0.48	-1.48	-0.84		0.35	-0.36													
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	-1.90	-1.48	1.54	1.03	-1.59	2.22	1.05	-1.27		0.11	1.29	0.59	0.08	-0.88	-0.61	0.49	-1.01		
MINIMUM	-0.06	-0.17	0.23	0.07	0.35	-0.27	0.15	-0.03		0.11	0.03	0.59	0.08	-0.88	-0.10	-0.23	-1.01		
RANGE(MAX-MIN)	-1.840	-1.310	1.310	0.960	-1.940	2.490	0.900	-1.240		0.000	1.260	0.000	0.000	0.000	-0.510	0.720	0.000		
MEAN	-0.619	-0.433	0.199	0.550	-0.808	-0.218	0.167	-0.260		0.110	0.313	0.590	0.080	-0.880	-0.187	0.007	-1.010		
STANDARD DEVIATION	0.675	0.734	0.920	0.679	0.701	0.928	0.875	0.601		0.000	0.870	0.000	0.000	0.000	0.387	0.419	0.000		

HEAVY DUTY RATING WORKSHOP (2013 October 8-10)

Rater= Li, Shenghua

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	0.90	1.89	-0.10	-0.09	0.65	0.88	0.75	1.64										
B2-KEystone	-0.91	-1.42	0.40		-0.50	1.21		-1.13	1.30	-0.59	0.65	1.30	3.47	-0.27				
B3-C13-STYLE	1.61	-0.34	0.50		-0.46	1.26	1.66			-0.84								
B4-SQUARE CUT	1.17	-0.56	-0.36	1.03	-0.52	-0.58	-0.07	2.19										
B5-SEQUENCE III																		
B6-ARTICULATED 2-PIECE	0.87	-0.83	-0.11		0.93	1.22	2.04	0.23		-1.01		-0.91	-0.99	1.70			1.28	
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	1.27	-1.94	-0.47		0.32	-0.22		0.46										
CAL-C-CALIBRATION PISTON																		
CAL-D-CALIBRATION PISTON	0.06	-1.86	-0.34		-0.94	-0.03		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	1.61	-1.94	0.50	1.03	-0.94	1.26	2.04	2.19	1.30	-1.01	0.65	1.30	3.47	1.70			1.28	
MINIMUM	0.06	-0.34	-0.10	-0.09	0.32	-0.03	-0.07	0.23	1.30	-0.59	0.65	-0.91	-0.99	-0.27			1.28	
RANGE(MAX-MIN)	1.550	-1.600	0.600	1.120	-1.260	1.290	2.110	1.960	0.000	-0.420	0.000	2.210	4.460	1.970			0.000	
MEAN	0.710	-0.723	-0.069	0.470	-0.074	0.534	1.095	0.645	1.300	-0.813	0.650	0.195	1.240	0.715			1.280	
STANDARD DEVIATION	0.861	1.308	0.380	0.792	0.703	0.785	0.947	1.163	0.000	0.211	0.000	1.563	3.154	1.393			0.000	

HEAVY DUTY RATING WORKSHOP (2013 October 8-10)

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	-0.16	0.60	-0.59	-0.40	-0.89	0.37	-0.93	-0.30										
C2-KEYSTONE	-0.57	-0.53	-0.82		-1.24	-0.60		-0.44	-0.65	-0.76	-0.96	-0.12	-0.39	1.79				
C3-C13-STYLE																		
C4-SQUARE CUT	-1.11	0.68	-0.48	-0.40	-0.26	-0.48	-0.45	-0.08										
C5-SEQUENCE III	-0.18	-0.40	-0.63		-0.34	-0.02					-0.19				-0.19	0.37		
C6-ARTICULATED 2-PIECE	-0.82	0.00	-0.81		-0.57	-0.49	-1.22	0.19		-1.14		-0.12	-0.12	-0.38			-0.33	
C7-SEQUENCE III	2.22	-0.43	0.55		-0.94	-0.26					-0.35				-0.27	-0.32		
C8-SEQUENCE III	0.21	-0.65	-0.10		-0.18	0.14					-0.27				-0.09	-0.55		
CAL-A-CALIBRATION PISTON																		
CAL-B-CALIBRATION PISTON																		
CAL-C-CALIBRATION PISTON	-1.56	-0.44	-0.22		-0.27	-0.51		0.44										
CAL-D-CALIBRATION PISTON	-0.48	0.08	-0.61		-0.40	-1.18		-0.45										
CAL-N-CAL DV4 PISTON	-0.52	-0.93	-0.55		-0.29	-0.45												
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	-0.33	-1.04	-0.48		-0.25	-0.34												
Y1-DV4 PISTON	-0.68	-0.23	-0.30		0.27	-0.26												
Z1-DV4 PISTON																		
MAXIMUM	2.22	-1.04	-0.82	-0.40	-1.24	-1.18	-1.22	-0.45	-0.65	-1.14	-0.96	-0.12	-0.39	1.79	-0.27	-0.55	-0.33	
MINIMUM	-0.16	0.00	-0.10	-0.40	-0.18	-0.02	-0.45	-0.08	-0.65	-0.76	-0.19	-0.12	-0.12	-0.38	-0.09	-0.32	-0.33	
RANGE(MAX-MIN)	2.380	-1.040	-0.720	0.000	-1.060	-1.160	-0.770	-0.370	0.000	-0.380	-0.770	0.000	-0.270	2.170	-0.180	-0.230	0.000	
MEAN	-0.332	-0.274	-0.420	-0.400	-0.447	-0.340	-0.867	-0.107	-0.650	-0.950	-0.443	-0.120	-0.255	0.705	-0.183	-0.167	-0.330	
STANDARD DEVIATION	0.927	0.537	0.375	0.000	0.406	0.394	0.389	0.362	0.000	0.269	0.351	0.000	0.191	1.534	0.090	0.479	0.000	

HEAVY DUTY RATING WORKSHOP (2013 October 8-10)

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	0.60	-0.69	0.11	0.52	0.28	-0.16	-0.50	-1.04										
A2-KEYSTONE	-0.51	-0.15	-0.22		-0.30	0.09		-0.15	-0.53	1.85	0.76	-0.90	0.00	-0.25				
A3-C13-STYLE	-1.98	-1.07	-1.37		-0.08	-0.37	-0.41			1.64								
A4-SQUARE CUT	0.72	-0.59	-0.74	-0.47	-0.46	-0.52	-0.44	0.14										
A5-SEQUENCE III	0.18	0.18	-1.79		-0.22	0.25					0.81				0.21	-0.75		
A6-ARTICULATED 2-PIECE	-1.47	-0.37	-1.47		0.35	-0.70	-0.89	-0.97		0.99		-1.02	0.58	-0.80			1.09	
A7-SEQUENCE III	0.56	-0.05	-1.73		-0.31	-0.02					0.51				-0.78	-0.59		
A8-SEQUENCE III	0.69	-0.18	-0.55		-0.63	-0.10					0.50				0.21	-0.75		
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	-0.12	-0.49		0.90	0.03		-0.55										
CAL-B-CALIBRATION PISTON	-0.22	-0.08	-0.22		-0.79	-0.39		0.36										
CAL-C-CALIBRATION PISTON																		
CAL-D-CALIBRATION PISTON																		
CAL-N-CAL DV4 PISTON	-0.10	0.02	-0.33		0.62	-0.27												
CAL-W-CAL FIELD PISTON	-0.40	-0.10	-0.47		0.11	-0.38									-0.56	-0.63		
E1-4-1-CAL. SEQ V PISTONS																		-0.67
E1-4-2-CAL. SEQ V PISTONS																		-0.89
E1-4-3-CAL. SEQ V PISTONS																		-0.84
E1-4-4-CAL. SEQ V PISTONS																		-0.79
F1-4-1-CAL. SEQ V PISTONS																		-0.67
F1-4-2-CAL. SEQ V PISTONS																		0.01
F1-4-3-CAL. SEQ V PISTONS																		-0.03
F1-4-4-CAL. SEQ V PISTONS																		0.11
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																		0.45
Q1-8-2-SEQ V PISTONS																		0.21
Q1-8-3-SEQ V PISTONS																		1.13
Q1-8-4-SEQ V PISTONS																		0.86
Q1-8-5-SEQ V PISTONS																		-0.20
Q1-8-6-SEQ V PISTONS																		0.45
Q1-8-7-SEQ V PISTONS																		0.40
Q1-8-8-SEQ V PISTONS																		0.40
R1-8-1-SEQ V PISTONS																		-0.30
R1-8-2-SEQ V PISTONS																		0.87
R1-8-3-SEQ V PISTONS																		0.64
R1-8-4-SEQ V PISTONS																		0.60
R1-8-5-SEQ V PISTONS																		-0.26
R1-8-6-SEQ V PISTONS																		-0.42
R1-8-7-SEQ V PISTONS																		1.24
R1-8-8-SEQ V PISTONS																		0.43
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	-0.53	-0.26	0.07		-0.14	0.09									-1.01	-0.99		
U1-FIELD PISTON																		
V1-FIELD PISTON	-0.44	-0.23	-0.37		0.24	-0.51									-0.73	-1.91		
X1-DV4 PISTON	-0.42	1.06	-0.29		-1.23	-0.34												
Y1-DV4 PISTON	-0.68	-0.10	-0.27		-0.56	-0.26												
Z1-DV4 PISTON																		
MAXIMUM	-1.98	-1.07	-1.79	0.52	-1.23	-0.70	-0.89	-1.04	-0.53	1.85	0.81	-1.02	0.58	-0.80	-1.01	-1.91	1.09	1.24
MINIMUM	-0.10	0.02	0.07	-0.47	-0.08	-0.02	-0.41	0.14	-0.53	0.99	0.50	-0.90	0.00	-0.25	0.21	-0.59	1.09	0.01
RANGE(MAX-MIN)	-1.880	-1.090	-1.860	0.990	-1.150	-0.680	-0.480	-1.180	0.000	0.860	0.310	-0.120	0.580	-0.550	-1.220	-1.320	0.000	1.230
MEAN	-0.211	-0.171	-0.633	0.025	-0.139	-0.223	-0.560	-0.368	-0.530	1.493	0.645	-0.960	0.290	-0.525	-0.443	-0.937	1.090	0.114
STANDARD DEVIATION	0.776	0.448	0.614	0.700	0.546	0.262	0.223	0.580	0.000	0.448	0.163	0.085	0.410	0.389	0.526	0.497	0.000	0.630

HEAVY DUTY RATING WORKSHOP (2013 October 8-10)

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	-2.60	-2.00	-0.44	-0.09	-0.13	-0.77	0.17	-1.49										
B2-KEYSTONE	0.03	-0.05	-0.27		-0.37	-0.66		1.91	-0.86	-0.86	-1.70	-0.16	-0.27	-0.27				
B3-C13-STYLE	-0.56	-1.34	0.63		-0.18	0.22	-0.50			2.15								
B4-SQUARE CUT	-1.98	-0.70	-1.01	0.94	-0.66	-0.48	-0.71	0.46										
B5-SEQUENCE III	1.94	-0.39	-0.15		2.90	-0.07					-0.95				-0.80	-1.17		
B6-ARTICULATED 2-PIECE	-1.54	-1.45	0.35		-0.27	0.82	0.29	-0.05		0.26		1.13	0.33	1.35			1.41	
B7-SEQUENCE III	-0.55	-0.45	-0.25		0.05	-0.89					-1.23				-1.24	-1.09		
B8-SEQUENCE III	-0.46	0.01	-0.49		0.77	-0.73					0.07				-0.20	-0.28		
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	-0.89	-2.39	-0.47		-0.39	-0.24		-0.13										
CAL-C-CALIBRATION PISTON																		
CAL-D-CALIBRATION PISTON	-0.36	0.24	-0.44		2.66	-0.07		0.29										
CAL-N-CAL DV4 PISTON	-0.45	0.16	-0.23		0.88	-0.44												
CAL-W-CAL FIELD PISTON	0.79	-0.45	-0.04		-0.55	-0.36									-0.56	-0.63		
E1-4-1-CAL. SEQ V PISTONS																		-0.17
E1-4-2-CAL. SEQ V PISTONS																		-0.78
E1-4-3-CAL. SEQ V PISTONS																		0.29
E1-4-4-CAL. SEQ V PISTONS																		-0.13
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																		-0.82
G1-4-2-CAL. SEQ V PISTONS																		-0.69
G1-4-3-CAL. SEQ V PISTONS																		-0.91
G1-4-4-CAL. SEQ V PISTONS																		-0.37
Q1-8-1-SEQ V PISTONS																		-0.12
Q1-8-2-SEQ V PISTONS																		-0.46
Q1-8-3-SEQ V PISTONS																		-1.16
Q1-8-4-SEQ V PISTONS																		-1.39
Q1-8-5-SEQ V PISTONS																		-0.90
Q1-8-6-SEQ V PISTONS																		-1.47
Q1-8-7-SEQ V PISTONS																		-1.03
Q1-8-8-SEQ V PISTONS																		-0.83
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																		-0.34
S1-8-2-SEQ V PISTONS																		-0.76
S1-8-3-SEQ V PISTONS																		-0.79
S1-8-4-SEQ V PISTONS																		-1.22
S1-8-5-SEQ V PISTONS																		-0.61
S1-8-6-SEQ V PISTONS																		-0.70
S1-8-7-SEQ V PISTONS																		-1.03
S1-8-8-SEQ V PISTONS																		-0.98
T1-FIELD PISTON	-0.42	0.05	-0.79		-0.46	-0.44									-0.54	-0.36		
U1-FIELD PISTON	0.47	-0.51	0.15		-0.81	-0.21									-0.98	-0.03		
V1-FIELD PISTON	0.59	-0.31	-0.66		-0.35	-0.04									-0.42	-0.71		
X1-DV4 PISTON	-0.14	-0.97	0.27		-0.40	0.62												
Y1-DV4 PISTON																		
Z1-DV4 PISTON	1.95	0.34	-0.04		0.56	0.56												
MAXIMUM	-2.80	-2.39	-1.01	0.94	2.90	-0.89	-0.71	1.91	-0.86	2.15	-1.70	1.13	0.33	1.35	-1.24	-1.17	1.41	-1.47
MINIMUM	0.03	0.01	-0.04	-0.09	0.05	-0.04	0.17	-0.05	-0.86	0.26	0.07	-0.16	-0.27	-0.27	-0.20	-0.03	1.41	-0.12
RANGE(MAX-MIN)	-2.630	-2.400	-0.970	1.030	2.850	-0.850	-0.880	1.960	0.000	1.890	-1.770	1.290	0.600	1.620	-1.040	-1.140	0.000	-1.350
MEAN	-0.246	-0.601	-0.228	0.425	0.191	-0.187	-0.188	0.165	-0.860	0.517	-0.953	0.485	0.030	0.540	-0.677	-0.610	1.410	-0.724
STANDARD DEVIATION	1.197	0.792	0.424	0.728	1.085	0.502	0.492	1.097	0.000	1.521	0.749	0.912	0.424	1.146	0.354	0.421	0.000	0.427

HEAVY DUTY RATING WORKSHOP (2013 October 8-10)

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																		
B3-C13-STYLE																		
B4-SQUARE CUT																		
B5-SEQUENCE III																		
B6-ARTICULATED 2-PIECE																		
B7-SEQUENCE III																		
B8-SEQUENCE III																		
C1-SQUARE CUT	-0.05	0.28	-0.72	-0.53	0.16	0.00	-0.37	-0.40										
C2-KEYSTONE	-0.57	-0.53	-0.60	-0.60	-0.86	-0.55	-0.60	-0.58	-0.45	-0.15	-0.66	-0.39	0.61					
C3-C13-STYLE	-0.11	1.33	1.96		-0.22	-0.03	0.32		-0.19									
C4-SQUARE CUT	0.49	-0.40	-0.32	-0.48	-0.49	-0.51	-0.48											
C5-SEQUENCE III	0.00	-0.40	-0.70		-0.17	-0.02					-0.15				-0.28	-0.67		
C6-ARTICULATED 2-PIECE	-0.78	1.42	-0.30		0.82	0.34	-0.39	-0.69	0.44		0.12	-0.12	-0.38				1.71	
C7-SEQUENCE III	-0.50	-0.34	-0.32		0.08	-0.32					-0.19				-0.12	-0.62		
C8-SEQUENCE III	1.88	-0.65	-0.73		-0.02	0.05					-0.84				-0.52	-0.74		
CAL-A-CALIBRATION PISTON																		
CAL-B-CALIBRATION PISTON																		
CAL-C-CALIBRATION PISTON	-0.03	-0.33	-0.21		-0.16	-0.54		-0.09										
CAL-D-CALIBRATION PISTON	-0.03	0.11	-0.59		-0.09	0.89		-0.35										
CAL-N-CAL DV4 PISTON																		
CAL-W-CAL FIELD PISTON	0.28	-0.42	-0.12		-0.61	-0.38									-0.42	0.59		
E1-4-1-CAL. SEQ V PISTONS																		-1.03
E1-4-2-CAL. SEQ V PISTONS																		-1.21
E1-4-3-CAL. SEQ V PISTONS																		-1.17
E1-4-4-CAL. SEQ V PISTONS																		-1.30
F1-4-1-CAL. SEQ V PISTONS																		-0.64
F1-4-2-CAL. SEQ V PISTONS																		-0.34
F1-4-3-CAL. SEQ V PISTONS																		-0.47
F1-4-4-CAL. SEQ V PISTONS																		-0.26
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																		-0.60
R1-8-2-SEQ V PISTONS																		-0.57
R1-8-3-SEQ V PISTONS																		-0.57
R1-8-4-SEQ V PISTONS																		-0.09
R1-8-5-SEQ V PISTONS																		-0.30
R1-8-6-SEQ V PISTONS																		-0.39
R1-8-7-SEQ V PISTONS																		0.25
R1-8-8-SEQ V PISTONS																		0.76
S1-8-1-SEQ V PISTONS																		-1.35
S1-8-2-SEQ V PISTONS																		-0.76
S1-8-3-SEQ V PISTONS																		-0.81
S1-8-4-SEQ V PISTONS																		0.02
S1-8-5-SEQ V PISTONS																		0.10
S1-8-6-SEQ V PISTONS																		0.22
S1-8-7-SEQ V PISTONS																		0.05
S1-8-8-SEQ V PISTONS																		0.75
T1-FIELD PISTON																		
U1-FIELD PISTON																		
V1-FIELD PISTON																		
X1-DV4 PISTON																		
Y1-DV4 PISTON																		
Z1-DV4 PISTON																		
MAXIMUM	1.88	1.42	1.96	-0.53	-0.86	0.89	-0.51	-0.69	-0.58	-0.45	-0.84	-0.66	-0.39	0.61	-0.52	-0.74	1.71	-1.35
MINIMUM	0.00	0.11	-0.12	-0.48	-0.02	0.00	0.32	-0.09	-0.58	-0.19	-0.15	0.12	-0.12	-0.38	-0.12	0.59	1.71	0.02
RANGE(MAX-MIN)	1.880	1.310	2.080	-0.050	-0.840	0.890	-0.830	-0.600	0.000	-0.260	-0.690	-0.780	-0.270	0.990	-0.400	-1.330	0.000	-1.370
MEAN	0.053	0.006	-0.241	-0.505	-0.142	-0.097	-0.238	-0.435	-0.580	-0.067	-0.333	-0.270	-0.255	0.115	-0.335	-0.360	1.710	-0.405
STANDARD DEVIATION	0.709	0.728	0.762	0.035	0.441	0.437	0.377	0.211	0.000	0.458	0.339	0.552	0.191	0.700	0.174	0.635	0.000	0.592

HEAVY DUTY RATING WORKSHOP (2013 October 8-10)

Rater= Nakano, Shinya

YI Values

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

PartID	G1IOT	G2TOT	G3IOT	G4IOT	I2TOT	I3TOT	I4IOT	IGF	USTOT	I1TOT	UCTOT	SGF	TLHC	TLEC	THTOT	ATTOT	OCTOT	PSV
A1-SQUARE CUT	-0.98	1.81	-0.15	0.99	-0.69	-0.65	0.21	0.45										
A2-KEYSTONE	1.60	-1.48	0.74		-0.23	1.00		-0.25	0.08	-0.68	-1.26	1.59	0.00	-0.25				
A3-C13-STYLE	0.39	2.68	1.34		-0.43	2.18	0.94			1.05								
A4-SQUARE CUT	-0.23	0.53	0.30	0.48		-1.51	0.78	0.81	-0.06									
A5-SEQUENCE III	0.44	0.18	0.39		-0.36	-2.06					0.14				1.32	2.39		
A6-ARTICULATED 2-PIECE	1.76	0.04	1.78		-0.08	-0.49	1.10	0.30		0.18		-0.03	-0.33	-0.80			-0.14	
A7-SEQUENCE III	0.21	-0.14	-0.40		-0.78	-1.30					-0.48				1.34	1.94		
A8-SEQUENCE III	0.80	-0.18	-0.07		-0.51	-0.10					-3.40				-1.37	1.45		
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	-0.22	4.04	2.94		0.36	-1.14		-0.06										
CAL-B-CALIBRATION PISTON	2.17	1.40	0.76		0.76	4.60		0.76										
CAL-C-CALIBRATION PISTON																		
CAL-D-CALIBRATION PISTON																		
CAL-N-CAL DV4 PISTON	0.40	1.25	-0.02		-0.18	-0.29												
CAL-W-CAL FIELD PISTON	0.83	-0.38	0.02		-0.43	2.47									-0.84	0.66		
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	2.17	4.04	2.94	0.99	-1.51	4.60	1.10	0.76	0.08	1.05	-3.40	1.59	-0.33	-0.80	-1.37	2.39	-0.14	
MINIMUM	0.21	0.04	-0.02	0.48	-0.08	-0.10	0.21	-0.06	0.08	0.18	0.14	-0.03	0.00	-0.25	-0.84	0.66	-0.14	
RANGE(MAX-MIN)	1.960	4.000	2.960	0.510	-1.430	4.700	0.890	0.820	0.000	0.870	-3.540	1.620	-0.330	-0.550	-0.530	1.730	0.000	
MEAN	0.598	0.813	0.636	0.735	-0.340	0.417	0.765	0.190	0.080	0.183	-1.250	0.780	-0.165	-0.525	0.113	1.610	-0.140	
STANDARD DEVIATION	0.906	1.510	0.968	0.361	0.567	1.896	0.389	0.380	0.000	0.865	1.544	1.146	0.233	0.389	1.422	0.741	0.000	

HEAVY DUTY RATING WORKSHOP (2013 October 8-10)

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	0.46	0.90	1.64	-1.65	0.45	0.30	0.99	-0.76										
B2-KEYSTONE	-1.27	-1.34	0.74		-0.56	0.41		-1.13	-1.61	-0.66	2.07	-1.73	-0.27	-0.27				
B3-C13-STYLE	-0.91	0.80	-0.90		-0.86	0.56	-0.73			1.24								
B4-SQUARE CUT	0.16	0.18	2.24	-1.22	1.36	-0.12	0.98	-1.70										
B5-SEQUENCE III	-0.79	-0.39	0.49		-0.78	0.42					-0.22				0.28	-1.17		
B6-ARTICULATED 2-PIECE	-0.30	-0.29	-0.91		-0.34	-0.36	0.39	-1.51		-0.98		-1.04	-1.06	-0.53			1.05	
B7-SEQUENCE III	1.88	-0.45	-0.54		1.71	0.69					-0.56				1.97	-0.99		
B8-SEQUENCE III	-0.68	-2.24	0.35		-1.77	-1.09					-3.14				-1.62	3.26		
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	1.04	0.64	-0.30		-3.20	-0.27		0.19										
CAL-B-CALIBRATION PISTON																		
CAL-C-CALIBRATION PISTON	0.45	-0.34	-0.09		3.29	-0.08		-0.41										
CAL-D-CALIBRATION PISTON																		
CAL-N-CAL DV4 PISTON																		
CAL-W-CAL FIELD PISTON																		
E1-4-1-CAL. SEQ V PISTONS																		0.12
E1-4-2-CAL. SEQ V PISTONS																		-0.02
E1-4-3-CAL. SEQ V PISTONS																		-1.43
E1-4-4-CAL. SEQ V PISTONS																		-1.03
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																		-1.52
G1-4-2-CAL. SEQ V PISTONS																		-1.74
G1-4-3-CAL. SEQ V PISTONS																		-2.07
G1-4-4-CAL. SEQ V PISTONS																		-1.38
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	1.88	-2.24	2.24	-1.65	3.29	-1.09	0.99	-1.70	-1.61	1.24	-3.14	-1.73	-1.06	-0.53	1.97	3.26	1.05	-2.07
MINIMUM	0.16	0.18	-0.09	-1.22	-0.34	-0.08	0.39	0.19	-1.61	-0.66	-0.22	-1.04	-0.27	-0.27	0.28	-0.99	1.05	-0.02
RANGE(MAX-MIN)	1.720	-2.420	2.330	-0.430	3.630	-1.010	0.600	-1.890	0.000	1.900	-2.920	-0.690	-0.790	-0.260	1.690	4.250	0.000	-2.050
MEAN	0.004	-0.253	0.272	-1.435	-0.070	0.046	0.408	-0.887	-1.610	-0.133	-0.463	-1.385	-0.665	-0.400	0.210	0.367	1.050	-1.134
STANDARD DEVIATION	0.982	0.979	1.049	0.304	1.853	0.539	0.809	0.709	0.000	1.200	2.133	0.488	0.559	0.184	1.796	2.507	0.000	0.790

HEAVY DUTY RATING WORKSHOP (2013 October 8-10)

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	-0.18	0.93	-0.24	-0.19	-0.04	0.00	-0.34	-0.02										
C2-KEYSTONE	0.31	0.05	-0.68		-0.31	-0.65		0.09	-0.86	1.77	0.34	0.30	0.45	-0.57				
C3-C13-STYLE	0.74	-0.08	0.29		-0.90	0.01	0.07			-0.58								
C4-SQUARE CUT	-0.46	0.60	-0.09	-0.61	-1.40	-0.65	-0.55	-0.48										
C5-SEQUENCE III	-0.33	-0.40	0.03		-0.14	-0.17					-0.19				-0.53	-0.84		
C6-ARTICULATED 2-PIECE	1.62	1.09	0.69		-0.58	0.58	-0.51	1.02		-0.18		0.12	-0.12	-0.38			0.81	
C7-SEQUENCE III	-0.51	-0.34	0.01		-0.24	-0.06					1.19				-0.86	-0.52		
C8-SEQUENCE III	0.03	1.44	-0.40		0.07	0.05					0.19				-0.14	-0.80		
CAL-A-CALIBRATION PISTON	0.14	-0.43	-0.88		0.54	-0.42		0.19										
CAL-B-CALIBRATION PISTON	0.23	0.76	-0.47		-0.43	-0.18		-0.04										
CAL-C-CALIBRATION PISTON																		
CAL-D-CALIBRATION PISTON																		
CAL-N-CAL DV4 PISTON																		
CAL-W-CAL FIELD PISTON	-1.72	-0.43	-0.20		-0.31	-0.41									0.16	0.03		
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	-1.72	1.44	-0.88	-0.61	-1.40	-0.65	-0.55	1.02	-0.86	1.77	1.19	0.30	0.45	-0.57	-0.86	-0.84	0.81	
MINIMUM	0.03	0.05	0.01	-0.19	-0.04	0.00	0.07	-0.02	-0.86	-0.18	-0.19	0.12	-0.12	-0.38	-0.14	0.03	0.81	
RANGE(MAX-MIN)	-1.750	1.390	-0.890	-0.420	-1.360	-0.650	-0.620	1.040	0.000	1.950	1.380	0.180	0.570	-0.190	-0.720	-0.870	0.000	
MEAN	-0.012	0.290	-0.176	-0.400	-0.340	-0.173	-0.333	0.127	-0.860	0.337	0.383	0.210	0.165	-0.475	-0.343	-0.533	0.810	
STANDARD DEVIATION	0.831	0.692	0.441	0.297	0.509	0.356	0.283	0.494	0.000	1.257	0.583	0.127	0.403	0.134	0.446	0.401	0.000	

HEAVY DUTY RATING WORKSHOP (2013 October 8-10)

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	-1.84	0.58	-0.18	-0.35	-0.30	0.78	0.23	-0.67										
A2-KEYSTONE	-1.57	-0.40	-0.50		-0.42	-0.50		-0.72	-0.78	1.49	-1.42	0.30	0.00	-0.25				
A3-C13-STYLE	-0.31	0.41	0.51		-0.51	0.28	0.21			-0.22								
A4-SQUARE CUT	-1.71	-0.14	-0.35	-0.47			0.16	-0.46										
A5-SEQUENCE III	1.92	0.18	1.06		-0.88	0.33					0.89				1.39	-0.21		
A6-ARTICULATED 2-PIECE	-0.02	2.13	0.29		0.04	-0.06	-0.05	-0.33		-0.02		-0.36	0.43	1.45			0.47	
A7-SEQUENCE III	1.28	-0.32	0.01		-0.19	0.14					1.11				1.77	-0.27		
A8-SEQUENCE III	0.19	-0.18	1.53		-0.81	-0.10					0.62				0.50	-0.11		
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	0.53	-0.22		0.42	-0.08		0.26										
CAL-C-CALIBRATION PISTON	-1.04	-0.18	-0.23		-0.27	0.13		0.33										
CAL-D-CALIBRATION PISTON																		
CAL-N-CAL DV4 PISTON	-0.42	-1.51	-0.80		-1.78	-0.33												
CAL-W-CAL FIELD PISTON	-0.46	-0.41	-0.20		-0.52	-0.32									1.18	0.18		
E1-4-1-CAL. SEQ V PISTONS																		-0.90
E1-4-2-CAL. SEQ V PISTONS																		-0.38
E1-4-3-CAL. SEQ V PISTONS																		-0.33
E1-4-4-CAL. SEQ V PISTONS																		0.52
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	-0.42	0.73	0.36		-0.50	-0.04									1.77	2.22		
U1-FIELD PISTON																		
V1-FIELD PISTON	-0.74	-0.31	-0.24		0.63	-0.42									-0.04	1.06		
X1-DV4 PISTON	-0.42	-0.28	-0.29		-0.30	-0.34												
Y1-DV4 PISTON	-1.16	-0.14	-0.26		-0.43	-0.26												
Z1-DV4 PISTON																		
MAXIMUM	1.92	2.13	1.53	-0.47	-1.78	0.78	0.23	-0.72	-0.78	1.49	-1.42	-0.36	0.43	1.45	1.77	2.22	0.47	-0.90
MINIMUM	-0.02	-0.14	0.01	-0.35	0.04	-0.04	-0.05	0.26	-0.78	-0.02	0.62	0.30	0.00	-0.25	-0.04	-0.11	0.47	-0.33
RANGE(MAX-MIN)	1.940	2.270	1.520	-0.120	-1.820	0.820	0.280	-0.980	0.000	1.510	-2.040	-0.660	0.430	1.700	1.810	2.330	0.000	-0.570
MEAN	-0.469	0.043	0.031	-0.410	-0.393	-0.055	0.138	-0.265	-0.780	0.417	0.300	-0.030	0.215	0.600	1.095	0.478	0.470	-0.273
STANDARD DEVIATION	1.001	0.768	0.595	0.085	0.539	0.330	0.128	0.457	0.000	0.935	1.164	0.467	0.304	1.202	0.728	0.984	0.000	0.588

HEAVY DUTY RATING WORKSHOP (2013 October 8-10)

Rater= Rodriguez, Jesus (Jesse)

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	-2.00	0.07	-0.31	0.15	-0.31	-0.77	-0.51	-0.76										
B2-KEYSTONE	-0.19	0.58	0.89		-0.37	-0.54		-1.13	0.93	0.88	-0.43	0.95	-0.27	-0.27				
B3-C13-STYLE	-0.31	1.64	0.02		-0.56	-0.84	0.26			-0.67								
B4-SQUARE CUT	0.33	0.13	-0.36	-0.32	-0.56	-0.71	-0.87	-1.19										
B5-SEQUENCE III	0.99	-0.39	-0.48		-0.41	0.42					-0.43				-0.10	-0.09		
B6-ARTICULATED 2-PIECE	-0.19	0.29	-0.43		0.25	-0.69	-0.20	-0.55		-1.01		0.86	-1.06	0.72			-0.49	
B7-SEQUENCE III	0.72	-0.45	-0.28		-1.48	0.45					1.25				-0.49	-0.53		
B8-SEQUENCE III	-0.58	0.50	-0.67		0.37	1.56					0.30				-0.46	-0.31		
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	1.39	1.69	-0.22		0.11	-0.18		-0.13										
CAL-C-CALIBRATION PISTON																		
CAL-D-CALIBRATION PISTON	0.01	0.00	0.12		-0.20	0.01		-0.08										
CAL-N-CAL DV4 PISTON	-0.10	-0.24	1.10		-0.61	-0.37												
CAL-W-CAL FIELD PISTON	0.37	-0.45	-0.08		-0.52	-0.32									-0.29	0.18		
E1-4-1-CAL. SEQ V PISTONS																		-0.37
E1-4-2-CAL. SEQ V PISTONS																		0.34
E1-4-3-CAL. SEQ V PISTONS																		0.36
E1-4-4-CAL. SEQ V PISTONS																		0.14
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																		-0.13
G1-4-2-CAL. SEQ V PISTONS																		0.01
G1-4-3-CAL. SEQ V PISTONS																		0.51
G1-4-4-CAL. SEQ V PISTONS																		0.53
Q1-8-1-SEQ V PISTONS																		-0.04
Q1-8-2-SEQ V PISTONS																		0.80
Q1-8-3-SEQ V PISTONS																		0.30
Q1-8-4-SEQ V PISTONS																		0.51
Q1-8-5-SEQ V PISTONS																		0.10
Q1-8-6-SEQ V PISTONS																		-0.09
Q1-8-7-SEQ V PISTONS																		1.23
Q1-8-8-SEQ V PISTONS																		0.70
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																		1.81
S1-8-2-SEQ V PISTONS																		0.69
S1-8-3-SEQ V PISTONS																		0.74
S1-8-4-SEQ V PISTONS																		1.07
S1-8-5-SEQ V PISTONS																		0.52
S1-8-6-SEQ V PISTONS																		0.44
S1-8-7-SEQ V PISTONS																		1.26
S1-8-8-SEQ V PISTONS																		0.80
T1-FIELD PISTON																		
U1-FIELD PISTON	-1.46	-0.33	0.14		-0.44	-0.09									-0.15	0.78		
V1-FIELD PISTON	-0.55	-0.31	-0.17		-1.02	0.52									-0.58	0.18		
X1-DV4 PISTON	-0.38	0.66	-0.29		0.21	-0.55												
Y1-DV4 PISTON																		
Z1-DV4 PISTON	-0.14	-0.69	0.13		-0.53	0.66												
MAXIMUM	-2.00	1.69	1.10	-0.32	-1.48	1.56	-0.87	-1.19	0.93	-1.01	1.25	0.95	-1.06	0.72	-0.58	0.78	-0.49	1.81
MINIMUM	0.01	0.00	0.02	0.15	0.11	0.01	-0.20	-0.08	0.93	-0.67	0.30	0.86	-0.27	-0.27	-0.10	-0.09	-0.49	0.01
RANGE(MAX-MIN)	-2.010	1.690	1.080	-0.470	-1.590	1.550	-0.670	-1.110	0.000	-0.340	0.950	0.090	-0.790	0.990	-0.480	0.870	0.000	1.800
MEAN	-0.131	0.169	-0.056	-0.085	-0.379	-0.090	-0.330	-0.640	0.930	-0.267	0.173	0.905	-0.665	0.225	-0.345	0.035	-0.490	0.510
STANDARD DEVIATION	0.837	0.708	0.472	0.332	0.474	0.660	0.479	0.477	0.000	1.007	0.797	0.064	0.559	0.700	0.195	0.458	0.000	0.505

HEAVY DUTY RATING WORKSHOP (2013 October 8-10)

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																		
B2-KEYSTONE																		
B3-C13-STYLE																		
B4-SQUARE CUT																		
B5-SEQUENCE III																		
B6-ARTICULATED 2-PIECE																		
B7-SEQUENCE III																		
B8-SEQUENCE III																		
C1-SQUARE CUT	-0.43	-1.82	0.21	0.22	-0.18	-0.92	-0.12	-0.44										
C2-KEYSTONE	-0.48	-0.10	-0.65		-0.18	-0.65		-0.54	-0.18	-0.56	-0.83	-1.20	-0.39	-0.57				
C3-C13-STYLE	-0.78	-1.19	-0.64		-0.25	-0.36	-0.23			-1.01								
C4-SQUARE CUT	-0.44	-1.30	-0.09	-0.19	0.24	0.55	0.06	-0.62										
C5-SEQUENCE III	-0.29	-0.27	-0.63		0.44	0.06					-0.27				-0.19	-0.11		
C6-ARTICULATED 2-PIECE	-0.78	-0.70	-1.18		-1.04	-1.54	0.17	-0.33		0.00		-0.83	-0.12	2.46			-0.49	
C7-SEQUENCE III	-0.44	-0.24	-1.27		0.17	0.44					-1.74				-0.61	-0.42		
C8-SEQUENCE III	0.17	0.39	-1.01		0.57	0.57					-0.98				-0.28	-0.24		
CAL-A-CALIBRATION PISTON	0.23	-1.11	0.35		-1.08	-0.69		-0.47										
CAL-B-CALIBRATION PISTON																		
CAL-C-CALIBRATION PISTON																		
CAL-D-CALIBRATION PISTON	-0.87	-0.55	-1.16		-0.38	0.16		-1.09										
CAL-N-CAL DV4 PISTON	-1.01	0.48	-0.59		0.46	-0.28												
CAL-W-CAL FIELD PISTON	0.60	-0.43	-0.69		0.41	-0.37									-0.60	-0.78		
E1-4-1-CAL. SEQ V PISTONS																		-0.57
E1-4-2-CAL. SEQ V PISTONS																		-0.71
E1-4-3-CAL. SEQ V PISTONS																		-0.29
E1-4-4-CAL. SEQ V PISTONS																		-0.48
F1-4-1-CAL. SEQ V PISTONS																		-0.49
F1-4-2-CAL. SEQ V PISTONS																		-0.56
F1-4-3-CAL. SEQ V PISTONS																		-0.60
F1-4-4-CAL. SEQ V PISTONS																		-1.08
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																		-1.49
Q1-8-2-SEQ V PISTONS																		-1.40
Q1-8-3-SEQ V PISTONS																		-1.09
Q1-8-4-SEQ V PISTONS																		-0.59
Q1-8-5-SEQ V PISTONS																		-2.14
Q1-8-6-SEQ V PISTONS																		-1.15
Q1-8-7-SEQ V PISTONS																		-0.72
Q1-8-8-SEQ V PISTONS																		-0.89
R1-8-1-SEQ V PISTONS																		-1.35
R1-8-2-SEQ V PISTONS																		-1.25
R1-8-3-SEQ V PISTONS																		-1.06
R1-8-4-SEQ V PISTONS																		-1.01
R1-8-5-SEQ V PISTONS																		-1.06
R1-8-6-SEQ V PISTONS																		-0.93
R1-8-7-SEQ V PISTONS																		-1.00
R1-8-8-SEQ V PISTONS																		-1.30
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	-0.53	0.05	-0.67		-0.13	-0.45									-1.57	-1.05		
U1-FIELD PISTON	-0.60	-0.40	-1.06		-0.42	-0.09									-1.24	0.41		
V1-FIELD PISTON																		
X1-DV4 PISTON																		
Y1-DV4 PISTON	-0.92	-0.21	-0.27		-0.59	-0.24												
Z1-DV4 PISTON	-0.26	0.37	-0.76		0.60	0.48												
MAXIMUM	-1.01	-1.82	-1.27	0.22	-1.08	-1.54	-0.23	-1.09	-0.18	-1.01	-1.74	-1.20	-0.39	2.46	-1.57	-1.05	-0.49	-2.14
MINIMUM	0.17	0.05	-0.09	-0.19	-0.13	0.06	0.06	-0.33	-0.18	0.00	-0.27	-0.83	-0.12	-0.57	-0.19	-0.11	-0.49	-0.29
RANGE(MAX-MIN)	-1.180	-1.870	-1.180	0.410	-0.950	-1.600	-0.290	-0.760	0.000	-1.010	-1.470	-0.370	-0.270	3.030	-1.380	-0.940	0.000	-1.850
MEAN	-0.427	-0.439	-0.632	0.015	-0.085	-0.208	-0.030	-0.582	-0.180	-0.523	-0.955	-1.015	-0.255	0.945	-0.748	-0.365	-0.490	-0.967
STANDARD DEVIATION	0.444	0.653	0.478	0.290	0.535	0.584	0.179	0.267	0.000	0.506	0.606	0.262	0.191	2.143	0.546	0.515	0.000	0.413

HEAVY DUTY RATING WORKSHOP (2013 October 8-10)

Rater= Seeck, Christian

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	1.42	-0.80	-0.92	-1.17	-0.70	-0.36	-0.61	0.26										
A2-KEYSTONE	0.65	0.81	-1.12		-0.28	-1.73		0.04	-1.48	-1.13	-1.31	0.87	0.00	-0.25				
A3-C13-STYLE	0.50	-0.51	-1.18		1.52	-0.88	-0.87			0.66								
A4-SQUARE CUT	1.64	-1.35	-1.01	-0.88	-0.52	0.78	0.69	-0.26										
A5-SEQUENCE III	-0.51	0.18	-0.17		-0.39	-0.15					-1.33				-0.68	-0.16		
A6-ARTICULATED 2-PIECE	0.25	0.12	-1.01		-0.67	-1.10	-0.37	0.30		1.18		0.95	0.73	-0.80			1.17	
A7-SEQUENCE III	-0.28	-0.41	-0.01		-0.15	-0.26					0.00				-0.73	-1.22		
A8-SEQUENCE III	-0.71	-0.18	-0.31		-0.81	-0.10					-0.10				-0.48	-1.10		
B1-SQUARE CUT	0.34	-0.43	-0.10	-1.34	-1.25	-0.73	-1.04	0.11										
B2-KEYSTONE	2.23	1.17	-1.41		-0.03	-0.43		0.09	-0.98	-0.02	-1.33	0.66	-0.27	-0.27				
B3-C13-STYLE	0.42	0.46	-0.63		-1.23	-0.97	-1.46			-0.94								
B4-SQUARE CUT	0.90	-0.43	-1.01	-1.22	-0.57	-0.32	-0.84	0.11										
B5-SEQUENCE III	-0.43	-0.39	-0.32		-0.75	0.42					-0.87				-1.11	-1.17		
B6-ARTICULATED 2-PIECE	0.80	0.58	-0.82		-1.05	-1.35	-1.49	0.51		1.53		-0.23	1.47	-0.88			-0.61	
B7-SEQUENCE III	-0.81	-0.45	-1.33		-1.61	-0.84					-0.74				-1.12	-1.09		
B8-SEQUENCE III	-0.72	-0.42	0.01		0.75	1.51					-0.42				-0.53	-0.51		
C1-SQUARE CUT	-0.17	-0.23	-0.01	-0.61	0.15	-1.55	0.01	-0.21										
C2-KEYSTONE	1.49	-0.96	-0.94		0.54	-1.25		0.09	-0.93	-1.19	-0.39	0.00	-0.39	-0.57				
C3-C13-STYLE	1.27	-0.30	-1.11		-0.14	-0.63	-0.26			-0.38								
C4-SQUARE CUT	1.36	0.25	-0.80	-0.61	-0.34	-1.02	-0.82	-0.48										
C5-SEQUENCE III	-0.22	-0.40	-0.90		1.03	-0.21					-0.43				-0.59	-0.67		
C6-ARTICULATED 2-PIECE	1.38	0.51	-0.37		0.14	-0.81	-0.51	0.40		0.08		-0.12	-0.12	-0.38			-0.04	
C7-SEQUENCE III	-0.56	-0.43	-0.47		-1.40	-0.10					-0.97				-0.22	-0.42		
C8-SEQUENCE III	0.49	-0.65	-0.82		-3.17	0.74					0.06				-0.56	-0.86		
CAL-A-CALIBRATION PISTON	0.60	1.13	-0.88		0.43	-0.05		-3.91										
CAL-B-CALIBRATION PISTON	1.16	0.82	-0.44		0.12	-0.19		-4.40										
CAL-C-CALIBRATION PISTON	0.65	-0.15	-0.26		-0.32	-0.39		-3.91										
CAL-D-CALIBRATION PISTON	0.22	-0.03	0.62		-0.29	-0.88		-3.13										
CAL-N-CAL DV4 PISTON																		
CAL-W-CAL FIELD PISTON	-2.41	-0.38	-0.27		-0.57	-0.36									-0.01	0.59		
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	-0.02	0.27	-0.42		-0.21	-0.74									0.87	1.51		
U1-FIELD PISTON	-0.82	-0.57	-0.43		-0.94	-0.53									-1.49	-2.14		
V1-FIELD PISTON	0.59	-0.31	0.09		-0.95	-0.11									2.19	-1.32		
X1-DV4 PISTON	-0.09	-1.02	-1.04		-0.80	-0.95												
Y1-DV4 PISTON	0.28	-0.39	-0.28		-0.77	-0.28												
Z1-DV4 PISTON	-1.10	-2.30	-0.06		-2.51	-1.28												
MAXIMUM	-2.41	-2.30	-1.41	-1.34	-3.17	-1.73	-1.49	-4.40	-1.48	1.53	-1.33	0.95	1.47	-0.88	2.19	-2.14	1.17	
MINIMUM	-0.02	-0.03	-0.01	-0.61	-0.03	-0.05	0.01	0.04	-0.93	-0.02	0.00	0.00	0.00	-0.25	-0.01	-0.16	-0.04	
RANGE(MAX-MIN)	-2.390	-2.270	-1.400	-0.730	-3.140	-1.680	-1.500	-4.440	-0.550	1.550	-1.330	0.950	1.470	-0.630	2.200	-1.980	1.210	
MEAN	0.280	-0.205	-0.575	-0.972	-0.507	-0.489	-0.631	-0.899	-1.130	-0.023	-0.653	0.355	0.237	-0.525	-0.343	-0.658	0.173	
STANDARD DEVIATION	0.942	0.691	0.475	0.318	0.896	0.673	0.611	1.784	0.304	0.993	0.515	0.530	0.721	0.270	0.955	0.923	0.909	

HEAVY DUTY RATING WORKSHOP (2013 October 8-10)

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	1.23	-1.14	-0.72	-0.78	1.13	0.07	0.04	-0.11											
A2-KEYSTONE																			
A3-C13-STYLE																			
A4-SQUARE CUT																			
A5-SEQUENCE III																			
A6-ARTICULATED 2-PIECE																			
A7-SEQUENCE III																			
A8-SEQUENCE III	0.66	3.49	0.45		3.07	-0.10					0.13				-0.38	0.06			
B1-SQUARE CUT	0.80	-0.59	-0.24	-0.09	0.44	-0.35	-0.22	0.84											
B2-KEYSTONE	-0.30	-1.38	-0.92		0.58	-0.36		-0.52	0.51	1.11	0.12	-1.03	-0.27	-0.27					
B3-C13-STYLE	-0.06	-1.66	-1.40		0.71	-0.77	0.97			-0.04									
B4-SQUARE CUT	1.74	-0.27	-0.36	-0.32	2.96	-0.19	-0.29	0.37											
B5-SEQUENCE III	0.48	-0.31	-0.30		0.98	0.42					-0.53				0.09	1.33			
B6-ARTICULATED 2-PIECE	-0.52	0.93	-0.65		1.52	1.44	1.40	-1.34		1.10		-0.91	1.09	-0.46			-0.54		
B7-SEQUENCE III	0.03	3.17	0.06		1.20	-2.09					-0.54				0.23	0.03			
B8-SEQUENCE III	2.08	0.99	-1.14		0.94	0.78					0.31				1.38	-0.06			
C1-SQUARE CUT																			
C2-KEYSTONE	-0.56	1.79	-0.60		0.08	-0.27		-0.75	-0.29	2.28	1.21	0.18	0.45	-0.57					
C3-C13-STYLE																			
C4-SQUARE CUT	1.06	-0.87	-0.09	-0.19	0.53	-0.61	-0.78	0.85											
C5-SEQUENCE III																			
C6-ARTICULATED 2-PIECE																			
C7-SEQUENCE III																			
C8-SEQUENCE III																			
CAL-A-CALIBRATION PISTON	1.19	0.30	-0.11		0.14	-0.77		-0.30											
CAL-B-CALIBRATION PISTON																			
CAL-C-CALIBRATION PISTON	1.02	-0.63	-0.24		-0.30	-0.11		0.54											
CAL-D-CALIBRATION PISTON																			
CAL-N-CAL DV4 PISTON	-0.56	0.00	-0.63		0.94	-0.41													
CAL-W-CAL FIELD PISTON	1.85	-0.09	-0.28		0.72	-0.51									0.86	0.51			
E1-4-1-CAL. SEQ V PISTONS																			-0.40
E1-4-2-CAL. SEQ V PISTONS																			-1.54
E1-4-3-CAL. SEQ V PISTONS																			-0.29
E1-4-4-CAL. SEQ V PISTONS																			-2.12
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																			0.66
G1-4-2-CAL. SEQ V PISTONS																			0.53
G1-4-3-CAL. SEQ V PISTONS																			0.61
G1-4-4-CAL. SEQ V PISTONS																			0.74
Q1-8-1-SEQ V PISTONS																			0.07
Q1-8-2-SEQ V PISTONS																			0.60
Q1-8-3-SEQ V PISTONS																			1.06
Q1-8-4-SEQ V PISTONS																			0.89
Q1-8-5-SEQ V PISTONS																			0.69
Q1-8-6-SEQ V PISTONS																			0.73
Q1-8-7-SEQ V PISTONS																			0.45
Q1-8-8-SEQ V PISTONS																			0.06
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																			0.07
S1-8-2-SEQ V PISTONS																			2.18
S1-8-3-SEQ V PISTONS																			1.92
S1-8-4-SEQ V PISTONS																			1.02
S1-8-5-SEQ V PISTONS																			0.88
S1-8-6-SEQ V PISTONS																			1.15
S1-8-7-SEQ V PISTONS																			1.21
S1-8-8-SEQ V PISTONS																			0.55
T1-FIELD PISTON																			
U1-FIELD PISTON	-1.03	-0.29	2.19		0.75	3.49									0.55	0.90			
V1-FIELD PISTON	2.97	3.32	3.17		1.96	-0.04					1.96	-0.04			-1.09	-0.24			
X1-DV4 PISTON	0.09	0.20	-0.66		0.17	-0.65													
Y1-DV4 PISTON																			
Z1-DV4 PISTON	0.16	-0.07	2.11		0.93	0.74													
MAXIMUM	2.97	3.49	3.17	-0.78	3.07	3.49	1.40	-1.34	0.51	2.28	1.21	-1.03	1.09	-0.57	1.38	1.33	-0.54	2.18	
MINIMUM	0.03	0.00	0.06	-0.09	0.08	-0.04	0.04	-0.11	-0.29	-0.04	0.12	0.18	-0.27	-0.27	0.09	0.03	-0.54	0.06	
RANGE(MAX-MIN)	2.940	3.490	3.110	-0.690	2.990	3.530	1.360	-1.230	0.800	2.320	1.090	-1.210	1.360	-0.300	1.290	1.300	0.000	2.120	
MEAN	0.617	0.345	-0.018	-0.345	0.973	-0.015	0.187	-0.047	0.110	1.113	0.117	-0.587	0.423	-0.433	0.234	0.361	-0.540	0.488	
STANDARD DEVIATION	1.038	1.518	1.174	0.305	0.867	1.094	0.829	0.756	0.566	0.947	0.645	0.667	0.680	0.152	0.812	0.576	0.000	0.929	

HighLight Key: Red= Greater than 2.0 Yi

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HEAVY DUTY RATING WORKSHOP (2013 October 8-10)

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	-0.79	-0.73	-0.47	-0.70	-1.36	-0.44	-0.57	-0.66										
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	0.05	-0.01	-0.40	-1.09	-0.43	-0.59	-0.16										
C2-KEystone																		
C3-C13-STYLE	-1.33	-0.23	-0.52		-0.11	0.16	0.61			0.14								
C4-SQUARE CUT	-0.23	-0.57	-0.28	-0.40	0.90	0.24	-0.21	-0.62										
C5-SEQUENCE III																		
C6-ARTICULATED 2-PIECE	0.02	0.93	0.71		-0.30	1.83	0.61	-0.49		0.13		-0.12	-0.71	-0.38			-0.41	
C7-SEQUENCE III																		
C8-SEQUENCE III																		
CAL-A-CALIBRATION PISTON	-0.10	0.05	-0.49		-0.50	0.27		-0.14										
CAL-B-CALIBRATION PISTON																		
CAL-C-CALIBRATION PISTON																		
CAL-D-CALIBRATION PISTON	0.26	-1.00	0.99		-0.17	0.12		-0.17										
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	-1.33	-1.00	0.99	-0.70	-1.36	1.83	0.61	-0.66		0.14		-0.12	-0.71	-0.38			-0.41	
MINIMUM	0.02	0.05	-0.01	-0.40	-0.11	0.12	-0.21	-0.14		0.13		-0.12	-0.71	-0.38			-0.41	
RANGE(MAX-MIN)	-1.350	-1.050	1.000	-0.300	-1.250	1.710	0.820	-0.520		0.010		0.000	0.000	0.000			0.000	
MEAN	-0.337	-0.214	-0.010	-0.500	-0.376	0.250	-0.030	-0.373		0.135		-0.120	-0.710	-0.380			-0.410	
STANDARD DEVIATION	0.542	0.640	0.618	0.173	0.735	0.759	0.603	0.244		0.007		0.000	0.000	0.000			0.000	

HEAVY DUTY RATING WORKSHOP (2013 October 8-10)

Rater= Thomsen, Sven

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	0.20	0.53	-0.95	-1.00	-1.54	0.35	-0.09	1.56										
A2-KEYSTONE																		
A3-C13-STYLE	-0.85	-0.37	-0.51		-0.69	0.58	-0.10			-0.85								
A4-SQUARE CUT	-0.48	-0.86	-1.05	-0.93	-0.29	-1.31	-0.97	1.75										
A5-SEQUENCE III																		
A6-ARTICULATED 2-PIECE																		
A7-SEQUENCE III																		
A8-SEQUENCE III	-0.20	-0.18	-1.13		0.43	2.52					0.93				-1.42	-0.87		
B1-SQUARE CUT	0.33	0.07	-1.45	-1.26	-1.17	-0.33	-1.42	0.55										
B2-KEYSTONE	-0.30	0.51	-1.81		1.29	-0.98		1.91	-1.32	-1.11	-0.45	2.06	-0.27	-0.27				
B3-C13-STYLE	-0.16	-1.00	-1.16		0.98	-0.80	-0.14			-0.67								
B4-SQUARE CUT																		
B5-SEQUENCE III	-0.80	2.31	-1.24		0.54	-3.46					0.66				-1.62	-0.34		
B6-ARTICULATED 2-PIECE																		
B7-SEQUENCE III																		
B8-SEQUENCE III																		
C1-SQUARE CUT	-0.19	0.63	-1.07	-0.61	-0.97	-0.25	-1.09	-0.35										
C2-KEYSTONE																		
C3-C13-STYLE																		
C4-SQUARE CUT	-1.23	-0.15	-0.88	-0.61	0.38	-0.95	-0.85	0.45										
C5-SEQUENCE III																		
C6-ARTICULATED 2-PIECE																		
C7-SEQUENCE III	-0.60	2.78	-0.27		0.27	1.25					2.50				-0.96	-0.65		
C8-SEQUENCE III	-1.82	-0.65	1.69		0.73	-0.12					2.52				-1.47	1.61		
CAL-A-CALIBRATION PISTON	0.25	-0.19	-0.88		-1.67	0.01		0.19										
CAL-B-CALIBRATION PISTON	-0.88	-0.48	-0.34		-2.31	0.15		0.16										
CAL-C-CALIBRATION PISTON	0.55	2.86	-0.24		-0.92	-0.37		0.75										
CAL-D-CALIBRATION PISTON	-0.35	1.80	0.07		-0.90	1.59		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																		
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	-1.82	2.86	-1.81	-1.26	-2.31	-3.46	-1.42	1.91	-1.32	-1.11	2.52	2.06	-0.27	-0.27	-1.62	1.61		
MINIMUM	-0.16	0.07	0.07	-0.61	0.27	0.01	-0.09	0.16	-1.32	-0.67	-0.45	2.06	-0.27	-0.27	-0.96	-0.34		
RANGE(MAX-MIN)	-1.660	2.790	-1.880	-0.650	-2.580	-3.470	-1.330	1.750	0.000	-0.440	2.970	0.000	0.000	0.000	-0.660	1.950		
MEAN	-0.408	0.476	-0.701	-0.882	-0.365	-0.133	-0.666	0.763	-1.320	-0.877	1.232	2.060	-0.270	-0.270	-1.368	-0.062		
STANDARD DEVIATION	0.617	1.276	0.806	0.277	1.056	1.345	0.548	0.746	0.000	0.221	1.276	0.000	0.000	0.000	0.285	1.136		

HEAVY DUTY RATING WORKSHOP (2013 October 8-10)

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	-0.56	-0.69	-0.35	-0.18	0.84	-1.67	-0.52	-1.97										
A2-KEystone	-1.25	-0.59	-0.22		-0.35	-0.44		-0.81	-0.36	-0.17	-0.41	-1.14	0.00	-0.25				
A3-C13-STYLE																		
A4-SQUARE CUT	-0.25	-0.46	-0.51	0.16	0.69	-0.48	-0.44	-0.26										
A5-SEQUENCE III																		
A6-ARTICULATED 2-PIECE																		
A7-SEQUENCE III																		
A8-SEQUENCE III																		
B1-SQUARE CUT	-0.44	0.01	0.08	0.77	-0.69	-0.53	-0.22	-1.20										
B2-KEystone	-0.30	-0.59	-0.55		-0.47	-0.83		-0.32	-0.44	-0.91	0.10	-0.27	-0.27	-0.27				
B3-C13-STYLE																		
B4-SQUARE CUT	-1.13	-0.59	-0.10	-0.36	-0.27	-0.25	-0.42	0.03										
B5-SEQUENCE III	0.02	-0.35	-0.96		-0.23	0.42					-0.93				0.79	0.24		
B6-ARTICULATED 2-PIECE																		
B7-SEQUENCE III	-0.17	-0.45	-0.04		-0.46	-0.77					-0.72				-0.05	0.03		
B8-SEQUENCE III	-0.64	-1.40	-0.93		-0.91	-0.65					0.01				-0.52	-0.36		
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	0.56	-0.23	-0.22		0.79	-0.41		-0.23										
CAL-C-CALIBRATION PISTON																		
CAL-D-CALIBRATION PISTON	-0.27	-0.40	0.57		-0.10	0.21		-0.08										
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	-0.403	-0.522	-0.294		0.098	-0.105	-0.491	-0.400	-0.605	-0.400	-0.390	-0.705	-0.135	-0.260	0.073	-0.030		
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	-1.25	-1.40	-0.96	0.77	-0.91	-1.67	-0.52	-1.97	-0.44	-0.91	-0.93	-1.14	-0.27	-0.27	0.79	-0.36		
MINIMUM	0.02	0.01	-0.04	0.16	-0.10	0.21	-0.22	0.03	-0.36	-0.17	0.01	-0.27	0.00	-0.25	-0.05	0.03		
RANGE(MAX-MIN)	-1.270	-1.410	-0.920	0.610	-0.810	-1.880	-0.300	-2.000	-0.080	-0.740	-0.940	-0.870	-0.270	-0.020	0.840	-0.390		
MEAN	-0.403	-0.522	-0.294	0.098	-0.105	-0.491	-0.400	-0.605	-0.400	-0.390	-0.705	-0.135	-0.260	0.073	-0.030			
STANDARD DEVIATION	0.504	0.351	0.443	0.497	0.607	0.548	0.128	0.684	0.057	0.523	0.447	0.615	0.191	0.014	0.664	0.304		

HEAVY DUTY RATING WORKSHOP (2013 October 8-10)

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																			
A2-KEYSTONE																			
A3-C13-STYLE																			
A4-SQUARE CUT																			
A5-SEQUENCE III	0.79	0.18	-1.21		-0.56	0.18					0.09				-1.83	-0.90			
A6-ARTICULATED 2-PIECE																			
A7-SEQUENCE III																			
A8-SEQUENCE III	0.88	-0.18	-1.37		-0.46	-0.10					0.15				-1.32	-0.75			
B1-SQUARE CUT																			
B2-KEYSTONE																			
B3-C13-STYLE																			
B4-SQUARE CUT																			
B5-SEQUENCE III	1.21	-0.39	-1.19		-0.41	0.42					-0.42				-0.35	-0.34			
B6-ARTICULATED 2-PIECE																			
B7-SEQUENCE III	0.26	-0.45	-1.51		0.30	0.76					-0.23				-0.93	-0.58			
B8-SEQUENCE III																			
C1-SQUARE CUT	-0.31	0.90	-0.69	-0.19	0.45	-0.56	-0.27	-0.21											
C2-KEYSTONE	1.40	-0.53	0.70		-0.44	0.58		1.04	-0.08	0.34	0.20	-1.20	-2.08	-0.57					
C3-C13-STYLE	1.20	1.57	0.16		-0.49	-0.06	-1.27			0.46									
C4-SQUARE CUT	-0.61	-0.13	-0.09	0.22	-0.43	-0.10	0.13	-0.88											
C5-SEQUENCE III	-0.19	-0.25	-0.66		0.13	-0.11					0.44				-0.84	-0.81			
C6-ARTICULATED 2-PIECE	1.17	0.43	-1.25		3.08	-1.51	-1.22	0.09		2.12		1.42	3.41	-0.38			-0.24		
C7-SEQUENCE III	-0.45	-0.24	-1.52		0.50	-0.25					0.70				-0.61	-0.42			
C8-SEQUENCE III	0.80	1.44	-0.67		0.07	-0.12					0.85				-0.71	-0.24			
CAL-A-CALIBRATION PISTON																			
CAL-B-CALIBRATION PISTON																			
CAL-C-CALIBRATION PISTON	0.21	-0.06	-0.24		-0.12	0.28		-0.09											
CAL-D-CALIBRATION PISTON	-0.15	0.32	-1.21		-0.19	-0.97		-0.54											
CAL-N-CAL DV4 PISTON	0.01	0.52	0.61		0.41	-0.41													
CAL-W-CAL FIELD PISTON	0.92	0.20	-0.12		0.16	-0.41									-2.04	-1.53			
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																			-1.68
F1-4-2-CAL. SEQ V PISTONS																			-1.35
F1-4-3-CAL. SEQ V PISTONS																			-1.50
F1-4-4-CAL. SEQ V PISTONS																			-1.27
G1-4-1-CAL. SEQ V PISTONS																			-1.00
G1-4-2-CAL. SEQ V PISTONS																			-1.23
G1-4-3-CAL. SEQ V PISTONS																			-1.35
G1-4-4-CAL. SEQ V PISTONS																			-1.26
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																			-1.54
R1-8-2-SEQ V PISTONS																			-1.36
R1-8-3-SEQ V PISTONS																			-0.96
R1-8-4-SEQ V PISTONS																			-1.70
R1-8-5-SEQ V PISTONS																			-0.49
R1-8-6-SEQ V PISTONS																			-1.07
R1-8-7-SEQ V PISTONS																			-1.03
R1-8-8-SEQ V PISTONS																			-1.03
S1-8-1-SEQ V PISTONS																			-0.66
S1-8-2-SEQ V PISTONS																			-0.10
S1-8-3-SEQ V PISTONS																			-0.89
S1-8-4-SEQ V PISTONS																			-1.17
S1-8-5-SEQ V PISTONS																			-1.54
S1-8-6-SEQ V PISTONS																			-1.16
S1-8-7-SEQ V PISTONS																			-0.82
S1-8-8-SEQ V PISTONS																			-1.72
T1-FIELD PISTON	-0.42	-1.56	-0.36		-0.33	-0.05									-1.15	-1.31			
U1-FIELD PISTON	-2.11	-0.23	1.22		-0.45	-0.28									-1.04	-0.74			
V1-FIELD PISTON																			
X1-DV4 PISTON	-0.38	-1.04	0.38		-0.42	1.47													
Y1-DV4 PISTON	1.48	-0.02	-0.26		0.43	-0.22													
Z1-DV4 PISTON	0.73	0.01	0.67		0.12	1.08													
MAXIMUM	-2.11	1.57	-1.52	0.22	3.08	-1.51	-1.27	1.04	-0.08	2.12	0.85	1.42	3.41	-0.57	-2.04	-1.53	-0.24	-1.72	
MINIMUM	0.01	0.01	-0.09	-0.19	0.07	-0.05	0.13	0.09	-0.08	0.34	0.09	-1.20	-2.08	-0.38	-0.35	-0.24	-0.24	-0.10	
RANGE(MAX-MIN)	-2.120	1.560	-1.430	0.410	3.010	-1.460	-1.400	0.950	0.000	1.780	0.760	2.620	5.490	-0.190	-1.690	-1.290	0.000	-1.620	
MEAN	0.307	0.023	-0.410	0.015	0.064	-0.018	-0.658	-0.098	-0.080	0.973	0.223	0.110	0.665	-0.475	-1.082	-0.762	-0.240	-1.162	
STANDARD DEVIATION	0.880	0.719	0.820	0.290	0.781	0.657	0.698	0.656	0.000	0.995	0.433	1.853	3.882	0.134	0.529	0.410	0.000	0.392	

HEAVY DUTY RATING WORKSHOP (2013 October 8-10)

Rater= Viera, Ralph B.

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	-0.91	-0.13	2.98	0.47	-0.37	0.86	-0.24	-0.30										
A2-KEystone	-0.40	-0.95	0.35		-0.40	0.03		-0.25	-0.31	0.99	0.47	-1.06	0.00	-0.25				
A3-C13-STYLE	0.08	0.48	0.31		-0.48	-0.22	0.04			0.18								
A4-SQUARE CUT	-0.94	0.70	1.39	0.53		0.71	0.91	-0.26										
A5-SEQUENCE III	0.07	0.18	-0.03		-0.56	0.25					1.06				-0.65	-1.04		
A6-ARTICULATED 2-PIECE	0.25	-0.55	0.34		0.23	1.06	2.19	-0.75		0.36		-0.69	-0.02	0.33			0.78	
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																		
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	-0.79	0.04	-0.23		0.79	-0.15		-0.79										
CAL-B-CALIBRATION PISTON	-0.98	0.46	-0.32		0.28	-0.27		-0.13										
CAL-C-CALIBRATION PISTON																		
CAL-D-CALIBRATION PISTON																		
CAL-N-CAL DV4 PISTON	-0.60	-0.93	0.84		-0.45	-0.33												
CAL-W-CAL FIELD PISTON	-0.46	-0.16	-0.53		-0.38	-0.35									-0.87	-1.22		
E1-4-1-CAL. SEQ V PISTONS																		-0.57
E1-4-2-CAL. SEQ V PISTONS																		-0.60
E1-4-3-CAL. SEQ V PISTONS																		0.14
E1-4-4-CAL. SEQ V PISTONS																		-0.07
F1-4-1-CAL. SEQ V PISTONS																		1.16
F1-4-2-CAL. SEQ V PISTONS																		0.95
F1-4-3-CAL. SEQ V PISTONS																		0.52
F1-4-4-CAL. SEQ V PISTONS																		-0.64
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																		0.79
Q1-8-2-SEQ V PISTONS																		0.25
Q1-8-3-SEQ V PISTONS																		1.46
Q1-8-4-SEQ V PISTONS																		0.94
Q1-8-5-SEQ V PISTONS																		0.51
Q1-8-6-SEQ V PISTONS																		0.89
Q1-8-7-SEQ V PISTONS																		0.27
Q1-8-8-SEQ V PISTONS																		0.36
R1-8-1-SEQ V PISTONS																		-0.07
R1-8-2-SEQ V PISTONS																		0.24
R1-8-3-SEQ V PISTONS																		0.96
R1-8-4-SEQ V PISTONS																		0.24
R1-8-5-SEQ V PISTONS																		-0.11
R1-8-6-SEQ V PISTONS																		0.78
R1-8-7-SEQ V PISTONS																		1.18
R1-8-8-SEQ V PISTONS																		-0.23
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	-0.53	-1.33	-0.31		-0.43	-0.17									-0.73	-0.68		
U1-FIELD PISTON																		
V1-FIELD PISTON	-0.06	-0.25	-0.20		1.51	2.97									1.75	1.90		
X1-DV4 PISTON	-0.28	0.37	-0.03		-1.35	-0.77												
Y1-DV4 PISTON	-1.16	-0.04			-0.47	-0.21												
Z1-DV4 PISTON	0.53	0.19	0.22		0.38	-1.15												
MAXIMUM	-1.16	-1.33	2.98	0.53	1.51	2.97	2.19	-0.79	-0.31	0.99	1.06	-1.06	-0.02	0.33	1.75	1.90	0.78	1.46
MINIMUM	-0.06	0.04	-0.03	0.47	0.23	0.03	0.04	-0.13	-0.31	0.18	0.47	-0.69	0.00	-0.25	-0.65	-0.68	0.78	-0.07
RANGE(MAX-MIN)	-1.100	-1.370	3.010	0.060	1.280	2.940	2.150	-0.660	0.000	0.810	0.590	-0.370	-0.020	0.580	2.400	2.580	0.000	1.530
MEAN	-0.412	-0.128	0.301	0.500	-0.066	0.164	0.428	-0.413	-0.310	0.510	0.765	-0.875	-0.010	0.040	-0.125	-0.260	0.780	0.390
STANDARD DEVIATION	0.503	0.588	0.894	0.042	0.709	0.983	1.184	0.282	0.000	0.425	0.417	0.262	0.014	0.410	1.253	1.457	0.000	0.592

HEAVY DUTY RATING WORKSHOP (2013 October 8-10)

Rater= Xu, Ting Hai

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	0.60	-0.29	2.06	2.49	0.12	1.26	1.71	1.42										
B2-KEYSTONE	2.12	0.95	1.11		-0.50	0.28		-0.72	1.30	-0.97	0.65	-0.33	-0.27	-0.27				
B3-C13-STYLE	0.22	0.81	0.12		-0.03	-0.01	-0.99			-0.29								
B4-SQUARE CUT	0.70	2.88	1.92	1.93	0.58	1.56	1.46	0.24										
B5-SEQUENCE III	-0.53	-0.39	2.82		-0.05	0.42					-0.22				-0.54	-0.34		
B6-ARTICULATED 2-PIECE	0.95	-0.02	2.42		-0.71	0.18	-0.20	-0.10		-1.07		-1.45	-1.06	1.42			0.24	
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	1.38	-0.65	-0.49		-0.36	-0.40		0.19										
CAL-B-CALIBRATION PISTON																		
CAL-C-CALIBRATION PISTON	0.70	-0.16	-0.18		-0.68	-0.46		0.22										
CAL-D-CALIBRATION PISTON																		
CAL-N-CAL DV4 PISTON	0.41	-0.24	0.18		0.62	0.11												
CAL-W-CAL FIELD PISTON	0.83	0.71	0.49		0.05	1.36									1.51	1.01		
E1-4-1-CAL. SEQ V PISTONS																		-0.77
E1-4-2-CAL. SEQ V PISTONS																		1.47
E1-4-3-CAL. SEQ V PISTONS																		0.03
E1-4-4-CAL. SEQ V PISTONS																		-0.41
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																		-1.59
G1-4-2-CAL. SEQ V PISTONS																		0.06
G1-4-3-CAL. SEQ V PISTONS																		0.16
G1-4-4-CAL. SEQ V PISTONS																		0.44
Q1-8-1-SEQ V PISTONS																		2.36
Q1-8-2-SEQ V PISTONS																		2.06
Q1-8-3-SEQ V PISTONS																		1.16
Q1-8-4-SEQ V PISTONS																		1.93
Q1-8-5-SEQ V PISTONS																		1.86
Q1-8-6-SEQ V PISTONS																		1.71
Q1-8-7-SEQ V PISTONS																		2.00
Q1-8-8-SEQ V PISTONS																		2.46
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																		1.85
S1-8-2-SEQ V PISTONS																		1.57
S1-8-3-SEQ V PISTONS																		1.81
S1-8-4-SEQ V PISTONS																		0.97
S1-8-5-SEQ V PISTONS																		1.46
S1-8-6-SEQ V PISTONS																		1.01
S1-8-7-SEQ V PISTONS																		0.71
S1-8-8-SEQ V PISTONS																		0.97
T1-FIELD PISTON																		
U1-FIELD PISTON	0.90	-0.49	1.61		-0.79	-0.12									1.33	-0.27		
V1-FIELD PISTON	0.02	-0.31	-0.24		-1.71	0.34									-0.48	-0.12		
X1-DV4 PISTON	0.47	-0.14	2.25		-0.50	1.71												
Y1-DV4 PISTON																		
Z1-DV4 PISTON	0.48	0.41	0.03		-0.06	0.51												
MAXIMUM	2.12	2.88	2.82	2.49	-1.71	1.71	1.71	1.42	1.30	-1.07	0.65	-1.45	-1.06	1.42	1.51	1.01	0.24	2.46
MINIMUM	0.02	-0.02	0.03	1.93	-0.03	-0.01	-0.20	-0.10	1.30	-0.29	-0.22	-0.33	-0.27	-0.27	-0.48	-0.12	0.24	0.03
RANGE(MAX-MIN)	2.100	2.900	2.790	0.560	-1.680	1.720	1.910	1.520	0.000	-0.780	0.870	-1.120	-0.790	1.690	1.990	1.130	0.000	2.430
MEAN	0.661	0.219	1.007	2.210	-0.287	0.481	0.495	0.208	1.300	-0.777	0.215	-0.890	-0.665	0.575	0.455	0.070	0.240	1.053
STANDARD DEVIATION	0.619	0.918	1.145	0.396	0.603	0.713	1.303	0.697	0.000	0.424	0.615	0.792	0.559	1.195	1.117	0.633	0.000	1.044

HEAVY DUTY RATING WORKSHOP (2013 October 8-10)

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	-0.13	1.22	-0.94	-0.61	0.12	-1.25	-0.68	-0.25										
C2-KEYSTONE	-0.61	0.92	-0.89		0.25	-1.05		-0.65	-0.75	0.48	-1.35	-0.42	0.45	-0.57				
C3-C13-STYLE	-1.47	0.65	-1.24		-0.15	-0.86	-1.54			-0.57								
C4-SQUARE CUT	0.64	0.32	-0.48	-0.19	2.89	-0.68	-0.51	0.45										
C5-SEQUENCE III	-0.33	2.26	-0.38		-0.03	-0.14					-0.51				-0.25	-0.47		
C6-ARTICULATED 2-PIECE	-1.18	1.23	-0.97		0.12	-0.42	0.01	-1.32		0.11		-0.59	-0.12	-0.38			-0.49	
C7-SEQUENCE III	1.80	2.31	1.83		1.10	0.32					-0.49				-0.22	-0.19		
C8-SEQUENCE III	-1.38	2.48	-0.40		0.32	-0.04					-0.22				-0.47	-0.24		
CAL-A-CALIBRATION PISTON	0.31	0.35	-0.46		-0.76	-1.87		1.58										
CAL-B-CALIBRATION PISTON																		
CAL-C-CALIBRATION PISTON																		
CAL-D-CALIBRATION PISTON	-0.06	0.10	-1.54		-0.18	-1.65		-0.45										
CAL-N-CAL DV4 PISTON	-0.11	0.93	-0.08		0.72	-0.45												
CAL-W-CAL FIELD PISTON	0.94	0.61	-0.38		-0.59	-0.46									-0.94	-0.34		
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																		0.18
F1-4-2-CAL. SEQ V PISTONS																		-0.23
F1-4-3-CAL. SEQ V PISTONS																		0.31
F1-4-4-CAL. SEQ V PISTONS																		-0.83
G1-4-1-CAL. SEQ V PISTONS																		-0.54
G1-4-2-CAL. SEQ V PISTONS																		-1.05
G1-4-3-CAL. SEQ V PISTONS																		-1.24
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																		-0.64
R1-8-2-SEQ V PISTONS																		-0.69
R1-8-3-SEQ V PISTONS																		-0.79
R1-8-4-SEQ V PISTONS																		-0.76
R1-8-5-SEQ V PISTONS																		-1.48
R1-8-6-SEQ V PISTONS																		-1.12
R1-8-7-SEQ V PISTONS																		-1.09
R1-8-8-SEQ V PISTONS																		-0.67
S1-8-1-SEQ V PISTONS																		-0.71
S1-8-2-SEQ V PISTONS																		-0.63
S1-8-3-SEQ V PISTONS																		-0.73
S1-8-4-SEQ V PISTONS																		-0.98
S1-8-5-SEQ V PISTONS																		-1.03
S1-8-6-SEQ V PISTONS																		-1.38
S1-8-7-SEQ V PISTONS																		-1.21
S1-8-8-SEQ V PISTONS																		-0.73
T1-FIELD PISTON	2.92	1.58	-0.13		-0.51	-0.47									-0.04	0.23		
U1-FIELD PISTON	0.90	2.99	-0.10		1.25	-0.20									0.10	0.29		
V1-FIELD PISTON																		
X1-DV4 PISTON																		
Y1-DV4 PISTON	-0.20	-0.12	-0.22		2.28	-0.25												
Z1-DV4 PISTON	-0.14	1.00	0.30		0.42	-1.01												
MAXIMUM	2.92	2.99	1.83	-0.61	2.89	-1.87	-1.54	1.58	-0.75	-0.57	-1.35	-0.59	0.45	-0.57	-0.94	-0.47	-0.49	-1.48
MINIMUM	-0.06	0.10	-0.08	-0.19	-0.03	-0.04	0.01	-0.25	-0.75	0.11	-0.22	-0.42	-0.12	-0.38	-0.04	-0.19	-0.49	0.18
RANGE(MAX-MIN)	2.980	2.890	1.910	-0.420	2.920	-1.830	-1.550	1.830	0.000	-0.680	-1.130	-0.170	0.570	-0.190	-0.900	-0.280	0.000	-1.660
MEAN	0.119	1.177	-0.380	-0.400	0.453	-0.655	-0.680	-0.107	-0.750	0.007	-0.643	-0.505	0.165	-0.475	-0.303	-0.120	-0.490	-0.786
STANDARD DEVIATION	1.148	0.917	0.758	0.297	1.006	0.593	0.644	1.006	0.000	0.533	0.490	0.120	0.403	0.134	0.367	0.310	0.000	0.426

HEAVY DUTY RATING WORKSHOP (2013 October 8-10)

Rater= Aguirre, Nancy P

YI Values

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

PartID	R1DEME	R2DEME	R3DEME	R4DEME	R5DEME	R6DEME	
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 (2013 October 8-10)

Rater= Arrizon, Richard

YI Values

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

PartID	R1DEME	R2DEME	R3DEME	R4DEME	R5DEME	R6DEME	
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 (2013 October 8-10)

Rater= Avis, Steven

YI Values

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

PartID	R1DEME	R2DEME	R3DEME	R4DEME	R5DEME	R6DEME	
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 (2013 October 8-10)

Rater= Barrera, Tony

YI Values

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

PartID	R1DEME	R2DEME	R3DEME	R4DEME	R5DEME	R6DEME	
J1-6-C13 2ND RING CARBON	-0.28	-1.01	-0.78	-0.74	-0.98	-1.14	
K1-6-C13 2ND RING CARBON	-0.48	-0.45	-0.81	-0.71	-1.01	-0.09	
L1-6-C13 2ND RING CARBON	-0.65	-0.30	-0.44	-0.17	-0.16	-0.64	
M1-6-C13 2ND RING CARBON	-1.08	0.44	-0.47	0.11	-0.36	0.83	
MAXIMUM	-1.08	-1.01	-0.81	-0.74	-1.01	-1.14	
MINIMUM	-0.28	-0.30	-0.44	0.11	-0.16	-0.09	
RANGE(MAX-MIN)	-0.800	-0.710	-0.370	-0.850	-0.850	-1.050	
MEAN	-0.623	-0.330	-0.625	-0.378	-0.628	-0.260	
STANDARD DEVIATION	0.340	0.597	0.197	0.417	0.432	0.844	

HEAVY DUTY RATING WORKSHOP (2013 October 8-10)

Rater= Booth, Jeffrey

YI Values

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

PartID	R1DEME	R2DEME	R3DEME	R4DEME	R5DEME	R6DEME	
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 (2013 October 8-10)

Rater= Broff, Andy

YI Values

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

PartID	R1DEME	R2DEME	R3DEME	R4DEME	R5DEME	R6DEME	
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 (2013 October 8-10)

Rater= Castillo, George

YI Values

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

PartID	R1DEME	R2DEME	R3DEME	R4DEME	R5DEME	R6DEME	
J1-6-C13 2ND RING CARBON	-0.80	-0.02	-1.18	-0.92	-0.89	-0.46	
K1-6-C13 2ND RING CARBON	-0.48	0.72	0.20	0.05	-0.53	0.06	
L1-6-C13 2ND RING CARBON	0.07	0.12	0.30	0.50	-0.27	0.52	
M1-6-C13 2ND RING CARBON	0.00	-0.55	-0.47	-0.13	0.76	-0.29	
MAXIMUM	-0.80	0.72	-1.18	-0.92	-0.89	0.52	
MINIMUM	0.00	-0.02	0.20	0.05	-0.27	0.06	
RANGE(MAX-MIN)	-0.800	0.740	-1.380	-0.970	-0.620	0.460	
MEAN	-0.303	0.068	-0.288	-0.125	-0.233	-0.043	
STANDARD DEVIATION	0.412	0.522	0.686	0.593	0.709	0.433	

HEAVY DUTY RATING WORKSHOP (2013 October 8-10)

Rater= Castro, Rafael

YI Values

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

PartID	R1DEME	R2DEME	R3DEME	R4DEME	R5DEME	R6DEME	
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 (2013 October 8-10)

Rater= Clapperty, Leon

YI Values

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

PartID	R1DEME	R2DEME	R3DEME	R4DEME	R5DEME	R6DEME	
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 (2013 October 8-10)

Rater= Clare, Jamie

YI Values

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

PartID	R1DEME	R2DEME	R3DEME	R4DEME	R5DEME	R6DEME	
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 (2013 October 8-10)

Rater= DeCapite, Vanessa

YI Values

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

PartID	R1DEME	R2DEME	R3DEME	R4DEME	R5DEME	R6DEME	
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 (2013 October 8-10)

Rater= Escobar, Wilmar

YI Values

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

PartID	R1DEME	R2DEME	R3DEME	R4DEME	R5DEME	R6DEME	
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 (2013 October 8-10)

Rater= Foecking, Brian

YI Values

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

PartID	R1DEME	R2DEME	R3DEME	R4DEME	R5DEME	R6DEME	
J1-6-C13 2ND RING CARBON	-0.28	-0.52	-0.38	0.16	-1.08	-0.63	
K1-6-C13 2ND RING CARBON							
L1-6-C13 2ND RING CARBON							
M1-6-C13 2ND RING CARBON							
MAXIMUM	-0.28	-0.52	-0.38	0.16	-1.08	-0.63	
MINIMUM	-0.28	-0.52	-0.38	0.16	-1.08	-0.63	
RANGE(MAX-MIN)	0.000	0.000	0.000	0.000	0.000	0.000	
MEAN	-0.280	-0.520	-0.380	0.160	-1.080	-0.630	
STANDARD DEVIATION	0.000	0.000	0.000	0.000	0.000	0.000	

HEAVY DUTY RATING WORKSHOP (2013 October 8-10)

Rater= Forster, Michael

YI Values

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

PartID	R1DEME	R2DEME	R3DEME	R4DEME	R5DEME	R6DEME	
J1-6-C13 2ND RING CARBON							
K1-6-C13 2ND RING CARBON	-1.02	-1.32	-0.55	-1.22	-1.49	-0.67	
L1-6-C13 2ND RING CARBON	1.51	-0.62	0.30	-0.50	-0.99	-0.64	
M1-6-C13 2ND RING CARBON	-1.08	-0.88	1.65	-0.61	-0.08	-1.41	
MAXIMUM	1.51	-1.32	1.65	-1.22	-1.49	-1.41	
MINIMUM	-1.02	-0.62	0.30	-0.50	-0.08	-0.64	
RANGE(MAX-MIN)	2.530	-0.700	1.350	-0.720	-1.410	-0.770	
MEAN	-0.197	-0.940	0.467	-0.777	-0.853	-0.907	
STANDARD DEVIATION	1.478	0.354	1.109	0.388	0.715	0.436	

HEAVY DUTY RATING WORKSHOP (2013 October 8-10)

Rater= Fujita, Hirokazu

YI Values

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

PartID	R1DEME	R2DEME	R3DEME	R4DEME	R5DEME	R6DEME	
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 (2013 October 8-10)

Rater= Guarda, Waldyr

YI Values

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

PartID	R1DEME	R2DEME	R3DEME	R4DEME	R5DEME	R6DEME	
J1-6-C13 2ND RING CARBON	-0.03	-0.52	0.02	0.07	-0.14	0.22	
K1-6-C13 2ND RING CARBON	0.05	0.14	-0.55	0.30	-0.05	0.20	
L1-6-C13 2ND RING CARBON	-0.65	-0.09	1.78	1.84	0.76	-0.06	
M1-6-C13 2ND RING CARBON	0.54	1.75	0.94	0.11	-0.50	-0.29	
MAXIMUM	-0.65	1.75	1.78	1.84	0.76	-0.29	
MINIMUM	-0.03	-0.09	0.02	0.07	-0.05	-0.06	
RANGE(MAX-MIN)	-0.620	1.840	1.760	1.770	0.810	-0.230	
MEAN	-0.023	0.320	0.548	0.580	0.018	0.018	
STANDARD DEVIATION	0.488	0.992	1.026	0.846	0.532	0.241	

HEAVY DUTY RATING WORKSHOP (2013 October 8-10)

Rater= Gutzwiller, Jim

YI Values

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

PartID	R1DEME	R2DEME	R3DEME	R4DEME	R5DEME	R6DEME	
J1-6-C13 2ND RING CARBON	1.01	0.47	1.12	0.16	0.61	-0.12	
K1-6-C13 2ND RING CARBON	1.39	1.89	1.46	2.08	0.91	1.94	
L1-6-C13 2ND RING CARBON	0.79	2.00	-0.44	-0.17	0.97	0.52	
M1-6-C13 2ND RING CARBON	1.62	-1.21	0.24	-0.84	1.59	0.08	
MAXIMUM	1.62	2.00	1.46	2.08	1.59	1.94	
MINIMUM	0.79	0.47	0.24	0.16	0.61	0.08	
RANGE(MAX-MIN)	0.830	1.530	1.220	1.920	0.980	1.860	
MEAN	1.203	0.788	0.595	0.308	1.020	0.605	
STANDARD DEVIATION	0.373	1.503	0.860	1.253	0.411	0.929	

HEAVY DUTY RATING WORKSHOP (2013 October 8-10)

Rater= Hill, Howard P.

YI Values

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

PartID	R1DEME	R2DEME	R3DEME	R4DEME	R5DEME	R6DEME	
J1-6-C13 2ND RING CARBON							
K1-6-C13 2ND RING CARBON	0.05	0.36	-0.30	0.30	0.91	0.35	
L1-6-C13 2ND RING CARBON	0.07	0.95	1.04	-0.17	1.79	1.68	
M1-6-C13 2ND RING CARBON							
MAXIMUM	0.07	0.95	1.04	0.30	1.79	1.68	
MINIMUM	0.05	0.36	-0.30	-0.17	0.91	0.35	
RANGE(MAX-MIN)	0.020	0.590	1.340	0.470	0.880	1.330	
MEAN	0.060	0.655	0.370	0.065	1.350	1.015	
STANDARD DEVIATION	0.014	0.417	0.948	0.332	0.622	0.940	

HEAVY DUTY RATING WORKSHOP (2013 October 8-10)

Rater= Hurst, Kevin R.

YI Values

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

PartID	R1DEME	R2DEME	R3DEME	R4DEME	R5DEME	R6DEME	
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 (2013 October 8-10)

Rater= Jadulal, Vishnu

YI Values

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

PartID	R1DEME	R2DEME	R3DEME	R4DEME	R5DEME	R6DEME	
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 (2013 October 8-10)

Rater= Kanauchi, Masaya

YI Values

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

PartID	R1DEME	R2DEME	R3DEME	R4DEME	R5DEME	R6DEME	
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 (2013 October 8-10)

Rater= Kobrinetz, Joaquin J.

YI Values

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

PartID	R1DEME	R2DEME	R3DEME	R4DEME	R5DEME	R6DEME	
J1-6-C13 2ND RING CARBON	-1.06	-0.77	0.02	0.07	0.05	-0.12	
K1-6-C13 2ND RING CARBON							
L1-6-C13 2ND RING CARBON							
M1-6-C13 2ND RING CARBON							
MAXIMUM	-1.06	-0.77	0.02	0.07	0.05	-0.12	
MINIMUM	-1.06	-0.77	0.02	0.07	0.05	-0.12	
RANGE(MAX-MIN)	0.000	0.000	0.000	0.000	0.000	0.000	
MEAN	-1.060	-0.770	0.020	0.070	0.050	-0.120	
STANDARD DEVIATION	0.000	0.000	0.000	0.000	0.000	0.000	

HEAVY DUTY RATING WORKSHOP (2013 October 8-10)

Rater= Kraemer, Vernon

YI Values

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

PartID	R1DEME	R2DEME	R3DEME	R4DEME	R5DEME	R6DEME	
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 (2013 October 8-10)

Rater= Langford, Mike

YI Values

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

PartID	R1DEME	R2DEME	R3DEME	R4DEME	R5DEME	R6DEME	
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 (2013 October 8-10)

Rater= Lauderdale, Ed

YI Values

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

PartID	R1DEME	R2DEME	R3DEME	R4DEME	R5DEME	R6DEME	
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 (2013 October 8-10)

Rater= Li, Shenghua

YI Values

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

PartID	R1DEME	R2DEME	R3DEME	R4DEME	R5DEME	R6DEME	
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 (2013 October 8-10)

Rater= Lonsway, Chris

YI Values

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

PartID	R1DEME	R2DEME	R3DEME	R4DEME	R5DEME	R6DEME	
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 (2013 October 8-10)

Rater= Lopez, Frank

YI Values

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

PartID	R1DEME	R2DEME	R3DEME	R4DEME	R5DEME	R6DEME	
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 (2013 October 8-10)

Rater= Lowsky, John

YI Values

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

PartID	R1DEME	R2DEME	R3DEME	R4DEME	R5DEME	R6DEME	
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 (2013 October 8-10)

Rater= May, Marianne

YI Values

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

PartID	R1DEME	R2DEME	R3DEME	R4DEME	R5DEME	R6DEME	
J1-6-C13 2ND RING CARBON	-0.80	-1.01	-1.08	-1.10	-0.14	-0.80	
K1-6-C13 2ND RING CARBON	-0.21	0.43	0.20	0.05	-0.05	0.06	
L1-6-C13 2ND RING CARBON	1.15	-0.41	-0.44	-0.84	-0.06	-0.64	
M1-6-C13 2ND RING CARBON	-0.81	-0.88	-1.18	0.11	-0.63	-0.29	
MAXIMUM	1.15	-1.01	-1.18	-1.10	-0.63	-0.80	
MINIMUM	-0.21	-0.41	0.20	0.05	-0.05	0.06	
RANGE(MAX-MIN)	1.360	-0.600	-1.380	-1.150	-0.580	-0.860	
MEAN	-0.168	-0.468	-0.625	-0.445	-0.220	-0.418	
STANDARD DEVIATION	0.922	0.651	0.640	0.616	0.276	0.383	

HEAVY DUTY RATING WORKSHOP (2013 October 8-10)

Rater= Nakano, Shinya

YI Values

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

PartID	R1DEME	R2DEME	R3DEME	R4DEME	R5DEME	R6DEME	
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 (2013 October 8-10)

Rater= Parvaz, Ibrar

YI Values

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

PartID	R1DEME	R2DEME	R3DEME	R4DEME	R5DEME	R6DEME	
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 (2013 October 8-10)

Rater= Pitta, Jimmy

YI Values

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

PartID	R1DEME	R2DEME	R3DEME	R4DEME	R5DEME	R6DEME	
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 (2013 October 8-10)

Rater= Potocar, William P

YI Values

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

PartID	R1DEME	R2DEME	R3DEME	R4DEME	R5DEME	R6DEME	
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 (2013 October 8-10)

Rater= Rodriguez, Jesus (Jesse)

YI Values

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

PartID	R1DEME	R2DEME	R3DEME	R4DEME	R5DEME	R6DEME	
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 (2013 October 8-10)

Rater= Sanchez, Arthur

YI Values

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

PartID	R1DEME	R2DEME	R3DEME	R4DEME	R5DEME	R6DEME	
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 (2013 October 8-10)

Rater= Seeck, Christian

YI Values

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

PartID	R1DEME	R2DEME	R3DEME	R4DEME	R5DEME	R6DEME	
J1-6-C13 2ND RING CARBON	0.23	2.20	1.52	2.05	1.92	1.92	
K1-6-C13 2ND RING CARBON	-1.55	-1.61	-1.56	-1.47	-0.05	-2.12	
L1-6-C13 2ND RING CARBON	-1.37	-1.35	-1.93	-1.84	-1.51	-1.79	
M1-6-C13 2ND RING CARBON	0.00	0.44	-0.47	-0.61	-1.33	-1.04	
MAXIMUM	-1.55	2.20	-1.93	2.05	1.92	-2.12	
MINIMUM	0.00	0.44	-0.47	-0.61	-0.05	-1.04	
RANGE(MAX-MIN)	-1.550	1.760	-1.460	2.660	1.970	-1.080	
MEAN	-0.673	-0.080	-0.610	-0.468	-0.243	-0.758	
STANDARD DEVIATION	0.917	1.772	1.549	1.756	1.581	1.841	

HEAVY DUTY RATING WORKSHOP (2013 October 8-10)

Rater= Seiz, Ray

YI Values

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

PartID	R1DEME	R2DEME	R3DEME	R4DEME	R5DEME	R6DEME
J1-6-C13 2ND RING CARBON	2.30	0.47	1.32	1.15	1.27	1.58
K1-6-C13 2ND RING CARBON	1.66	-0.01	0.20	0.56	-0.53	0.35
L1-6-C13 2ND RING CARBON	0.43	0.74	0.30	0.84	0.35	1.10
M1-6-C13 2ND RING CARBON	-0.54	-0.22	-1.18	-0.61	1.32	1.95
MAXIMUM	2.30	0.74	1.32	1.15	1.32	1.95
MINIMUM	0.43	-0.01	0.20	0.56	0.35	0.35
RANGE(MAX-MIN)	1.870	0.750	1.120	0.590	0.970	1.600
MEAN	0.963	0.245	0.160	0.485	0.603	1.245
STANDARD DEVIATION	1.267	0.439	1.027	0.769	0.877	0.691

HEAVY DUTY RATING WORKSHOP (2013 October 8-10)

Rater= Terrado, Ken

YI Values

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

PartID	R1DEME	R2DEME	R3DEME	R4DEME	R5DEME	R6DEME	
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 (2013 October 8-10)

Rater= Thomsen, Sven

YI Values

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

PartID	R1DEME	R2DEME	R3DEME	R4DEME	R5DEME	R6DEME	
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 (2013 October 8-10)

Rater= Trevino, Bobby

YI Values

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

PartID	R1DEME	R2DEME	R3DEME	R4DEME	R5DEME	R6DEME	
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 (2013 October 8-10)

Rater= Veiga, Victor

YI Values

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

PartID	R1DEME	R2DEME	R3DEME	R4DEME	R5DEME	R6DEME	
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 (2013 October 8-10)

Rater= Viera, Ralph B.

YI Values

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

PartID	R1DEME	R2DEME	R3DEME	R4DEME	R5DEME	R6DEME	
J1-6-C13 2ND RING CARBON	-0.28	0.72	-0.58	-0.92	-0.61	-0.46	
K1-6-C13 2ND RING CARBON	0.59	-0.15	1.71	0.05	1.88	-0.09	
L1-6-C13 2ND RING CARBON	-1.37	-1.04	-0.44	0.50	-0.89	-0.06	
M1-6-C13 2ND RING CARBON	1.35	1.10	0.94	2.48	-0.77	0.46	
MAXIMUM	-1.37	1.10	1.71	2.48	1.88	-0.46	
MINIMUM	-0.28	-0.15	-0.44	0.05	-0.61	-0.06	
RANGE(MAX-MIN)	-1.090	1.250	2.150	2.430	2.490	-0.400	
MEAN	0.073	0.158	0.408	0.528	-0.098	-0.038	
STANDARD DEVIATION	1.170	0.955	1.107	1.430	1.323	0.378	

HEAVY DUTY RATING WORKSHOP (2013 October 8-10)

Rater= Xu, Ting Hai

YI Values

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

PartID	R1DEME	R2DEME	R3DEME	R4DEME	R5DEME	R6DEME	
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 (2013 October 8-10)

Rater= Zalewski, John

YI Values

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

PartID	R1DEME	R2DEME	R3DEME	R4DEME	R5DEME	R6DEME	
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 (2013 October 8-10)

Rater= Aguirre, Nancy P

YI Values

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

PartID	TOTALS	
ISMOP1-ISM OIL PAN	-0.12	
ISMOP2-ISM OIL PAN	-0.46	
ISMRC1-ISM ROCKER COVER	-0.23	
ISMRC2-ISM ROCKER COVER	-0.41	
VSCALL-CAL RC BFL SLUDGE L	0.61	
VSCALR-CAL RC BFL SLUDGE R	1.76	
MAXIMUM	1.76	
MINIMUM	-0.12	
RANGE(MAX-MIN)	1.880	
MEAN	0.192	
STANDARD DEVIATION	0.860	

HEAVY DUTY RATING WORKSHOP (2013 October 8-10)

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 (2013 October 8-10)

Rater= Avis, Steven

YI Values

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

PartID	TOTALS	
ISMOP1-ISM OIL PAN	-1.74	
ISMOP2-ISM OIL PAN	-0.46	
ISMRC1-ISM ROCKER COVER	-1.14	
ISMRC2-ISM ROCKER COVER	-0.36	
VSCALL-CAL RC BFL SLUDGE L	0.24	
VSCALR-CAL RC BFL SLUDGE R	-0.32	
MAXIMUM	-1.74	
MINIMUM	0.24	
RANGE(MAX-MIN)	-1.980	
MEAN	-0.630	
STANDARD DEVIATION	0.700	

HEAVY DUTY RATING WORKSHOP (2013 October 8-10)

Rater= Barrera, Tony

YI Values

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

PartID	TOTALS	
ISMOP1-ISM OIL PAN	-1.05	
ISMOP2-ISM OIL PAN	-0.53	
ISMRC1-ISM ROCKER COVER	-0.53	
ISMRC2-ISM ROCKER COVER	-1.08	
VSCALL-CAL RC BFL SLUDGE L	0.85	
VSCALR-CAL RC BFL SLUDGE R	0.08	
MAXIMUM	-1.08	
MINIMUM	0.08	
RANGE(MAX-MIN)	-1.160	
MEAN	-0.377	
STANDARD DEVIATION	0.736	

HEAVY DUTY RATING WORKSHOP (2013 October 8-10)

Rater= Booth, Jeffrey

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 (2013 October 8-10)

Rater= Broff, Andy

YI Values

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

PartID	TOTALS	
ISMOP1-ISM OIL PAN	2.20	
ISMOP2-ISM OIL PAN	1.19	
ISMRC1-ISM ROCKER COVER	1.17	
ISMRC2-ISM ROCKER COVER	0.09	
VSCALL-CAL RC BFL SLUDGE L	0.05	
VSCALR-CAL RC BFL SLUDGE R	-3.17	
MAXIMUM	-3.17	
MINIMUM	0.05	
RANGE(MAX-MIN)	-3.220	
MEAN	0.255	
STANDARD DEVIATION	1.860	

HEAVY DUTY RATING WORKSHOP (2013 October 8-10)

Rater= Castillo, George

YI Values

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

PartID	TOTALS	
ISMOP1-ISM OIL PAN	-0.02	
ISMOP2-ISM OIL PAN	-0.51	
ISMRC1-ISM ROCKER COVER	0.57	
ISMRC2-ISM ROCKER COVER	-0.05	
VSCALL-CAL RC BFL SLUDGE L	0.47	
VSCALR-CAL RC BFL SLUDGE R	-0.27	
MAXIMUM	0.57	
MINIMUM	-0.02	
RANGE(MAX-MIN)	0.590	
MEAN	0.032	
STANDARD DEVIATION	0.418	

HEAVY DUTY RATING WORKSHOP (2013 October 8-10)

Rater= Castro, Rafael

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 (2013 October 8-10)

Rater= Clapperty, Leon

YI Values

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

PartID	TOTALS	
ISMOP1-ISM OIL PAN	0.11	
ISMOP2-ISM OIL PAN	0.59	
ISMRC1-ISM ROCKER COVER	-0.11	
ISMRC2-ISM ROCKER COVER	1.76	
VSCALL-CAL RC BFL SLUDGE L		
VSCALR-CAL RC BFL SLUDGE R		
MAXIMUM	1.76	
MINIMUM	0.11	
RANGE(MAX-MIN)	1.650	
MEAN	0.588	
STANDARD DEVIATION	0.835	

HEAVY DUTY RATING WORKSHOP (2013 October 8-10)

Rater= Clare, Jamie

YI Values

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

PartID	TOTALS	
ISMOP1-ISM OIL PAN	0.02	
ISMOP2-ISM OIL PAN	1.34	
ISMRC1-ISM ROCKER COVER	-0.30	
ISMRC2-ISM ROCKER COVER	0.97	
VSCALL-CAL RC BFL SLUDGE L		
VSCALR-CAL RC BFL SLUDGE R		
MAXIMUM	1.34	
MINIMUM	0.02	
RANGE(MAX-MIN)	1.320	
MEAN	0.508	
STANDARD DEVIATION	0.774	

HEAVY DUTY RATING WORKSHOP (2013 October 8-10)

Rater= DeCapite, Vanessa

YI Values

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

PartID	TOTALS	
ISMOP1-ISM OIL PAN	0.39	
ISMOP2-ISM OIL PAN	-0.16	
ISMRC1-ISM ROCKER COVER	0.50	
ISMRC2-ISM ROCKER COVER	0.27	
VSCALL-CAL RC BFL SLUDGE L	0.00	
VSCALR-CAL RC BFL SLUDGE R	-0.59	
MAXIMUM	-0.59	
MINIMUM	0.00	
RANGE(MAX-MIN)	-0.590	
MEAN	0.068	
STANDARD DEVIATION	0.405	

HEAVY DUTY RATING WORKSHOP (2013 October 8-10)

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 (2013 October 8-10)

Rater= Foecking, Brian

YI Values

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

PartID	TOTALS	
ISMOP1-ISM OIL PAN	0.67	
ISMOP2-ISM OIL PAN	-0.23	
ISMRC1-ISM ROCKER COVER	0.89	
ISMRC2-ISM ROCKER COVER	0.09	
VSCALL-CAL RC BFL SLUDGE L	-1.13	
VSCALR-CAL RC BFL SLUDGE R	-0.40	
MAXIMUM	-1.13	
MINIMUM	0.09	
RANGE(MAX-MIN)	-1.220	
MEAN	-0.018	
STANDARD DEVIATION	0.740	

HEAVY DUTY RATING WORKSHOP (2013 October 8-10)

Rater= Forster, Michael

YI Values

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

PartID	TOTALS	
ISMOP1-ISM OIL PAN	1.18	
ISMOP2-ISM OIL PAN	1.49	
ISMRC1-ISM ROCKER COVER	1.29	
ISMRC2-ISM ROCKER COVER	-0.75	
VSCALL-CAL RC BFL SLUDGE L		
VSCALR-CAL RC BFL SLUDGE R		
MAXIMUM	1.49	
MINIMUM	-0.75	
RANGE(MAX-MIN)	2.240	
MEAN	0.803	
STANDARD DEVIATION	1.043	

HEAVY DUTY RATING WORKSHOP (2013 October 8-10)

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 (2013 October 8-10)

Rater= Guarda, Waldyr

YI Values

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

PartID	TOTALS	
ISMOP1-ISM OIL PAN	0.21	
ISMOP2-ISM OIL PAN	0.14	
ISMRC1-ISM ROCKER COVER	-0.37	
ISMRC2-ISM ROCKER COVER	-0.12	
VSCALL-CAL RC BFL SLUDGE L	0.38	
VSCALR-CAL RC BFL SLUDGE R	-0.54	
MAXIMUM	-0.54	
MINIMUM	-0.12	
RANGE(MAX-MIN)	-0.420	
MEAN	-0.050	
STANDARD DEVIATION	0.357	

HEAVY DUTY RATING WORKSHOP (2013 October 8-10)

Rater= Gutzwiller, Jim

YI Values

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

PartID	TOTALS	
ISMOP1-ISM OIL PAN	1.46	
ISMOP2-ISM OIL PAN	0.84	
ISMRC1-ISM ROCKER COVER	-0.27	
ISMRC2-ISM ROCKER COVER	1.66	
VSCALL-CAL RC BFL SLUDGE L	0.99	
VSCALR-CAL RC BFL SLUDGE R	1.86	
MAXIMUM	1.86	
MINIMUM	-0.27	
RANGE(MAX-MIN)	2.130	
MEAN	1.090	
STANDARD DEVIATION	0.772	

HEAVY DUTY RATING WORKSHOP (2013 October 8-10)

Rater= Hill, Howard P.

YI Values

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

PartID	TOTALS	
ISMOP1-ISM OIL PAN	-1.74	
ISMOP2-ISM OIL PAN	-3.06	
ISMRC1-ISM ROCKER COVER	-3.89	
ISMRC2-ISM ROCKER COVER	-2.23	
VSCALL-CAL RC BFL SLUDGE L		
VSCALR-CAL RC BFL SLUDGE R		
MAXIMUM	-3.89	
MINIMUM	-1.74	
RANGE(MAX-MIN)	-2.150	
MEAN	-2.730	
STANDARD DEVIATION	0.946	

HEAVY DUTY RATING WORKSHOP (2013 October 8-10)

Rater= Hurst, Kevin R.

YI Values

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

PartID	TOTALS	
ISMOP1-ISM OIL PAN	-2.58	
ISMOP2-ISM OIL PAN	-0.38	
ISMRC1-ISM ROCKER COVER	-1.37	
ISMRC2-ISM ROCKER COVER	-1.15	
VSCALL-CAL RC BFL SLUDGE L	-0.09	
VSCALR-CAL RC BFL SLUDGE R	-0.67	
MAXIMUM	-2.58	
MINIMUM	-0.09	
RANGE(MAX-MIN)	-2.490	
MEAN	-1.040	
STANDARD DEVIATION	0.891	

HEAVY DUTY RATING WORKSHOP (2013 October 8-10)

Rater= Jadulal, Vishnu

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 (2013 October 8-10)

Rater= Kanauchi, Masaya

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 (2013 October 8-10)

Rater= Kobrinetz, Joaquin J.

YI Values

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

PartID	TOTALS	
ISMOP1-ISM OIL PAN	-0.40	
ISMOP2-ISM OIL PAN	0.19	
ISMRC1-ISM ROCKER COVER	0.03	
ISMRC2-ISM ROCKER COVER	0.52	
VSCALL-CAL RC BFL SLUDGE L	-0.85	
VSCALR-CAL RC BFL SLUDGE R	0.13	
MAXIMUM	-0.85	
MINIMUM	0.03	
RANGE(MAX-MIN)	-0.880	
MEAN	-0.063	
STANDARD DEVIATION	0.486	

HEAVY DUTY RATING WORKSHOP (2013 October 8-10)

Rater= Kraemer, Vernon

YI Values

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

PartID	TOTALS	
ISMOP1-ISM OIL PAN	0.25	
ISMOP2-ISM OIL PAN	-0.63	
ISMRC1-ISM ROCKER COVER	0.64	
ISMRC2-ISM ROCKER COVER	-0.86	
VSCALL-CAL RC BFL SLUDGE L	-4.30	
VSCALR-CAL RC BFL SLUDGE R	-0.03	
MAXIMUM	-4.30	
MINIMUM	-0.03	
RANGE(MAX-MIN)	-4.270	
MEAN	-0.822	
STANDARD DEVIATION	1.792	

HEAVY DUTY RATING WORKSHOP (2013 October 8-10)

Rater= Langford, Mike

YI Values

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

PartID	TOTALS	
ISMOP1-ISM OIL PAN	0.02	
ISMOP2-ISM OIL PAN	1.34	
ISMRC1-ISM ROCKER COVER	-0.20	
ISMRC2-ISM ROCKER COVER	0.22	
VSCALL-CAL RC BFL SLUDGE L	-0.05	
VSCALR-CAL RC BFL SLUDGE R	1.49	
MAXIMUM	1.49	
MINIMUM	0.02	
RANGE(MAX-MIN)	1.470	
MEAN	0.470	
STANDARD DEVIATION	0.746	

HEAVY DUTY RATING WORKSHOP (2013 October 8-10)

Rater= Lauderdale, 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		
VSCALR-CAL RC BFL SLUDGE R		
MAXIMUM		
MINIMUM		
RANGE(MAX-MIN)		
MEAN		
STANDARD DEVIATION		

HEAVY DUTY RATING WORKSHOP (2013 October 8-10)

Rater= Li, Shenghua

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 (2013 October 8-10)

Rater= Lonsway, Chris

YI Values

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

PartID	TOTALS	
ISMOP1-ISM OIL PAN	0.72	
ISMOP2-ISM OIL PAN	0.37	
ISMRC1-ISM ROCKER COVER	0.92	
ISMRC2-ISM ROCKER COVER	1.24	
VSCALL-CAL RC BFL SLUDGE L	0.05	
VSCALR-CAL RC BFL SLUDGE R	-0.22	
MAXIMUM	1.24	
MINIMUM	0.05	
RANGE(MAX-MIN)	1.190	
MEAN	0.513	
STANDARD DEVIATION	0.549	

HEAVY DUTY RATING WORKSHOP (2013 October 8-10)

Rater= Lopez, Frank

YI Values

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

PartID	TOTALS	
ISMOP1-ISM OIL PAN	0.07	
ISMOP2-ISM OIL PAN	0.02	
ISMRC1-ISM ROCKER COVER	0.10	
ISMRC2-ISM ROCKER COVER	1.15	
VSCALL-CAL RC BFL SLUDGE L	0.90	
VSCALR-CAL RC BFL SLUDGE R	0.69	
MAXIMUM	1.15	
MINIMUM	0.02	
RANGE(MAX-MIN)	1.130	
MEAN	0.488	
STANDARD DEVIATION	0.488	

HEAVY DUTY RATING WORKSHOP (2013 October 8-10)

Rater= Lowsky, John

YI Values

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

PartID	TOTALS	
ISMOP1-ISM OIL PAN	-1.88	
ISMOP2-ISM OIL PAN	-0.63	
ISMRC1-ISM ROCKER COVER	-0.93	
ISMRC2-ISM ROCKER COVER	0.29	
VSCALL-CAL RC BFL SLUDGE L	0.19	
VSCALR-CAL RC BFL SLUDGE R	-0.22	
MAXIMUM	-1.88	
MINIMUM	0.19	
RANGE(MAX-MIN)	-2.070	
MEAN	-0.530	
STANDARD DEVIATION	0.810	

HEAVY DUTY RATING WORKSHOP (2013 October 8-10)

Rater= May, Marianne

YI Values

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

PartID	TOTALS	
ISMOP1-ISM OIL PAN	-0.21	
ISMOP2-ISM OIL PAN	0.12	
ISMRC1-ISM ROCKER COVER	0.03	
ISMRC2-ISM ROCKER COVER	-0.52	
VSCALL-CAL RC BFL SLUDGE L	0.19	
VSCALR-CAL RC BFL SLUDGE R	-0.22	
MAXIMUM	-0.52	
MINIMUM	0.03	
RANGE(MAX-MIN)	-0.550	
MEAN	-0.102	
STANDARD DEVIATION	0.265	

HEAVY DUTY RATING WORKSHOP (2013 October 8-10)

Rater= Nakano, Shinya

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 (2013 October 8-10)

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 (2013 October 8-10)

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 (2013 October 8-10)

Rater= Potocar, William P

YI Values

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

PartID	TOTALS	
ISMOP1-ISM OIL PAN	0.39	
ISMOP2-ISM OIL PAN	-0.01	
ISMRC1-ISM ROCKER COVER	0.50	
ISMRC2-ISM ROCKER COVER	0.04	
VSCALL-CAL RC BFL SLUDGE L	-0.47	
VSCALR-CAL RC BFL SLUDGE R	-0.54	
MAXIMUM	-0.54	
MINIMUM	-0.01	
RANGE(MAX-MIN)	-0.530	
MEAN	-0.015	
STANDARD DEVIATION	0.428	

HEAVY DUTY RATING WORKSHOP (2013 October 8-10)

Rater= Rodriguez, Jesus (Jesse)

YI Values

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

PartID	TOTALS	
ISMOP1-ISM OIL PAN	0.16	
ISMOP2-ISM OIL PAN	-0.86	
ISMRC1-ISM ROCKER COVER	0.36	
ISMRC2-ISM ROCKER COVER	-0.93	
VSCALL-CAL RC BFL SLUDGE L	0.19	
VSCALR-CAL RC BFL SLUDGE R	0.08	
MAXIMUM	-0.93	
MINIMUM	0.08	
RANGE(MAX-MIN)	-1.010	
MEAN	-0.167	
STANDARD DEVIATION	0.572	

HEAVY DUTY RATING WORKSHOP (2013 October 8-10)

Rater= Sanchez, Arthur

YI Values

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

PartID	TOTALS	
ISMOP1-ISM OIL PAN	0.07	
ISMOP2-ISM OIL PAN	-1.36	
ISMRC1-ISM ROCKER COVER	0.54	
ISMRC2-ISM ROCKER COVER	-0.59	
VSCALL-CAL RC BFL SLUDGE L	0.43	
VSCALR-CAL RC BFL SLUDGE R	-0.46	
MAXIMUM	-1.36	
MINIMUM	0.07	
RANGE(MAX-MIN)	-1.430	
MEAN	-0.228	
STANDARD DEVIATION	0.718	

HEAVY DUTY RATING WORKSHOP (2013 October 8-10)

Rater= Seeck, Christian

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 (2013 October 8-10)

Rater= Seiz, Ray

YI Values

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

PartID	TOTALS	
ISMOP1-ISM OIL PAN	0.53	
ISMOP2-ISM OIL PAN	0.07	
ISMRC1-ISM ROCKER COVER	0.61	
ISMRC2-ISM ROCKER COVER	-0.18	
VSCALL-CAL RC BFL SLUDGE L	-0.19	
VSCALR-CAL RC BFL SLUDGE R	-0.22	
MAXIMUM	0.61	
MINIMUM	0.07	
RANGE(MAX-MIN)	0.540	
MEAN	0.103	
STANDARD DEVIATION	0.377	

HEAVY DUTY RATING WORKSHOP (2013 October 8-10)

Rater= Terrado, Ken

YI Values

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

PartID	TOTALS	
ISMOP1-ISM OIL PAN	1.09	
ISMOP2-ISM OIL PAN	1.39	
ISMRC1-ISM ROCKER COVER	1.17	
ISMRC2-ISM ROCKER COVER	2.54	
VSCALL-CAL RC BFL SLUDGE L	0.05	
VSCALR-CAL RC BFL SLUDGE R	1.04	
MAXIMUM	2.54	
MINIMUM	0.05	
RANGE(MAX-MIN)	2.490	
MEAN	1.213	
STANDARD DEVIATION	0.799	

HEAVY DUTY RATING WORKSHOP (2013 October 8-10)

Rater= Thomsen, Sven

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 (2013 October 8-10)

Rater= Trevino, Bobby

YI Values

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

PartID	TOTALS	
ISMOP1-ISM OIL PAN	-0.12	
ISMOP2-ISM OIL PAN	-1.81	
ISMRC1-ISM ROCKER COVER	-0.76	
ISMRC2-ISM ROCKER COVER	-0.43	
VSCALL-CAL RC BFL SLUDGE L	0.38	
VSCALR-CAL RC BFL SLUDGE R	-0.40	
MAXIMUM	-1.81	
MINIMUM	-0.12	
RANGE(MAX-MIN)	-1.690	
MEAN	-0.523	
STANDARD DEVIATION	0.737	

HEAVY DUTY RATING WORKSHOP (2013 October 8-10)

Rater= Veiga, Victor

YI Values

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

PartID	TOTALS	
ISMOP1-ISM OIL PAN	0.30	
ISMOP2-ISM OIL PAN	0.87	
ISMRC1-ISM ROCKER COVER	0.66	
ISMRC2-ISM ROCKER COVER	-1.04	
VSCALL-CAL RC BFL SLUDGE L	0.38	
VSCALR-CAL RC BFL SLUDGE R	-0.75	
MAXIMUM	-1.04	
MINIMUM	0.30	
RANGE(MAX-MIN)	-1.340	
MEAN	0.070	
STANDARD DEVIATION	0.780	

HEAVY DUTY RATING WORKSHOP (2013 October 8-10)

Rater= Viera, Ralph B.

YI Values

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

PartID	TOTALS	
ISMOP1-ISM OIL PAN	-0.16	
ISMOP2-ISM OIL PAN	0.57	
ISMRC1-ISM ROCKER COVER	0.12	
ISMRC2-ISM ROCKER COVER	0.45	
VSCALL-CAL RC BFL SLUDGE L	0.57	
VSCALR-CAL RC BFL SLUDGE R	0.98	
MAXIMUM	0.98	
MINIMUM	0.12	
RANGE(MAX-MIN)	0.860	
MEAN	0.422	
STANDARD DEVIATION	0.396	

HEAVY DUTY RATING WORKSHOP (2013 October 8-10)

Rater= Xu, Ting Hai

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 (2013 October 8-10)

Rater= Zalewski, John

YI Values

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

PartID	TOTALS	
ISMOP1-ISM OIL PAN	0.16	
ISMOP2-ISM OIL PAN	0.57	
ISMRC1-ISM ROCKER COVER	-0.02	
ISMRC2-ISM ROCKER COVER	-0.57	
VSCALL-CAL RC BFL SLUDGE L	0.19	
VSCALR-CAL RC BFL SLUDGE R	0.88	
MAXIMUM	0.88	
MINIMUM	-0.02	
RANGE(MAX-MIN)	0.900	
MEAN	0.202	
STANDARD DEVIATION	0.498	

HEAVY DUTY RATING WORKSHOP (2013 October 8-10)

Rater= Aguirre, Nancy P

YI Values

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

PartID	AVERAG	
VVCALL-CAL RC BFL VARN L	-1.01	
VVCALR-CAL RC BFL VARN R	-1.33	
MAXIMUM	-1.33	
MINIMUM	-1.01	
RANGE(MAX-MIN)	-0.320	
MEAN	-1.170	
STANDARD DEVIATION	0.226	

HEAVY DUTY RATING WORKSHOP (2013 October 8-10)

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 (2013 October 8-10)

Rater= Avis, Steven

YI Values

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

PartID	AVERAG	
VVCALL-CAL RC BFL VARN L	-0.03	
VVCALR-CAL RC BFL VARN R	0.37	
MAXIMUM	0.37	
MINIMUM	-0.03	
RANGE(MAX-MIN)	0.400	
MEAN	0.170	
STANDARD DEVIATION	0.283	

HEAVY DUTY RATING WORKSHOP (2013 October 8-10)

Rater= Barrera, Tony

YI Values

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

PartID	AVERAG	
VVCALL-CAL RC BFL VARN L	0.24	
VVCALR-CAL RC BFL VARN R	0.37	
MAXIMUM	0.37	
MINIMUM	0.24	
RANGE(MAX-MIN)	0.130	
MEAN	0.305	
STANDARD DEVIATION	0.092	

HEAVY DUTY RATING WORKSHOP (2013 October 8-10)

Rater= Booth, Jeffrey

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 (2013 October 8-10)

Rater= Broff, Andy

YI Values

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

PartID	AVERAG	
VVCALL-CAL RC BFL VARN L	1.86	
VVCALR-CAL RC BFL VARN R	-3.60	
MAXIMUM	-3.60	
MINIMUM	1.86	
RANGE(MAX-MIN)	-5.460	
MEAN	-0.870	
STANDARD DEVIATION	3.861	

HEAVY DUTY RATING WORKSHOP (2013 October 8-10)

Rater= Castillo, George

YI Values

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

PartID	AVERAG	
VVCALL-CAL RC BFL VARN L	0.18	
VVCALR-CAL RC BFL VARN R	-0.14	
MAXIMUM	0.18	
MINIMUM	-0.14	
RANGE(MAX-MIN)	0.320	
MEAN	0.020	
STANDARD DEVIATION	0.226	

HEAVY DUTY RATING WORKSHOP (2013 October 8-10)

Rater= Castro, Rafael

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 (2013 October 8-10)

Rater= Clapperty, Leon

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 (2013 October 8-10)

Rater= Clare, Jamie

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 (2013 October 8-10)

Rater= DeCapite, Vanessa

YI Values

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

PartID	AVERAG	
VVCALL-CAL RC BFL VARN L	0.62	
VVCALR-CAL RC BFL VARN R	0.88	
MAXIMUM	0.88	
MINIMUM	0.62	
RANGE(MAX-MIN)	0.260	
MEAN	0.750	
STANDARD DEVIATION	0.184	

HEAVY DUTY RATING WORKSHOP (2013 October 8-10)

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 (2013 October 8-10)

Rater= Foecking, Brian

YI Values

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

PartID	AVERAG	
VVCALL-CAL RC BFL VARN L	-0.31	
VVCALR-CAL RC BFL VARN R	0.25	
MAXIMUM	-0.31	
MINIMUM	0.25	
RANGE(MAX-MIN)	-0.560	
MEAN	-0.030	
STANDARD DEVIATION	0.396	

HEAVY DUTY RATING WORKSHOP (2013 October 8-10)

Rater= Forster, Michael

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 (2013 October 8-10)

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 (2013 October 8-10)

Rater= Guarda, Waldyr

YI Values

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

PartID	AVERAG	
VVCALL-CAL RC BFL VARN L	-0.96	
VVCALR-CAL RC BFL VARN R	-0.65	
MAXIMUM	-0.96	
MINIMUM	-0.65	
RANGE(MAX-MIN)	-0.310	
MEAN	-0.805	
STANDARD DEVIATION	0.219	

HEAVY DUTY RATING WORKSHOP (2013 October 8-10)

Rater= Gutzwiller, Jim

YI Values

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

PartID	AVERAG	
VVCALL-CAL RC BFL VARN L	-0.20	
VVCALR-CAL RC BFL VARN R	-0.77	
MAXIMUM	-0.77	
MINIMUM	-0.20	
RANGE(MAX-MIN)	-0.570	
MEAN	-0.485	
STANDARD DEVIATION	0.403	

HEAVY DUTY RATING WORKSHOP (2013 October 8-10)

Rater= Hill, Howard P.

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 (2013 October 8-10)

Rater= Hurst, Kevin R.

YI Values

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

PartID	AVERAG	
VVCALL-CAL RC BFL VARN L	0.35	
VVCALR-CAL RC BFL VARN R	0.54	
MAXIMUM	0.54	
MINIMUM	0.35	
RANGE(MAX-MIN)	0.190	
MEAN	0.445	
STANDARD DEVIATION	0.134	

HEAVY DUTY RATING WORKSHOP (2013 October 8-10)

Rater= Jadulal, Vishnu

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 (2013 October 8-10)

Rater= Kanauchi, Masaya

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 (2013 October 8-10)

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 (2013 October 8-10)

Rater= Kraemer, Vernon

YI Values

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

PartID	AVERAG	
VVCALL-CAL RC BFL VARN L	0.18	
VVCALR-CAL RC BFL VARN R	0.25	
MAXIMUM	0.25	
MINIMUM	0.18	
RANGE(MAX-MIN)	0.070	
MEAN	0.215	
STANDARD DEVIATION	0.049	

HEAVY DUTY RATING WORKSHOP (2013 October 8-10)

Rater= Langford, Mike

YI Values

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

PartID	AVERAG	
VVCALL-CAL RC BFL VARN L	-0.09	
VVCALR-CAL RC BFL VARN R	0.37	
MAXIMUM	0.37	
MINIMUM	-0.09	
RANGE(MAX-MIN)	0.460	
MEAN	0.140	
STANDARD DEVIATION	0.325	

HEAVY DUTY RATING WORKSHOP (2013 October 8-10)

Rater= Lauderdale, Ed

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 (2013 October 8-10)

Rater= Li, Shenghua

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 (2013 October 8-10)

Rater= Lonsway, Chris

YI Values

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

PartID	AVERAG	
VVCALL-CAL RC BFL VARN L	0.83	
VVCALR-CAL RC BFL VARN R	0.88	
MAXIMUM	0.88	
MINIMUM	0.83	
RANGE(MAX-MIN)	0.050	
MEAN	0.855	
STANDARD DEVIATION	0.035	

HEAVY DUTY RATING WORKSHOP (2013 October 8-10)

Rater= Lopez, Frank

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	0.65	
MAXIMUM	0.65	
MINIMUM	0.51	
RANGE(MAX-MIN)	0.140	
MEAN	0.580	
STANDARD DEVIATION	0.099	

HEAVY DUTY RATING WORKSHOP (2013 October 8-10)

Rater= Lowsky, John

YI Values

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

PartID	AVERAG	
VVCALL-CAL RC BFL VARN L	-1.07	
VVCALR-CAL RC BFL VARN R	-0.77	
MAXIMUM	-1.07	
MINIMUM	-0.77	
RANGE(MAX-MIN)	-0.300	
MEAN	-0.920	
STANDARD DEVIATION	0.212	

HEAVY DUTY RATING WORKSHOP (2013 October 8-10)

Rater= May, Marianne

YI Values

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

PartID	AVERAG	
VVCALL-CAL RC BFL VARN L	0.07	
VVCALR-CAL RC BFL VARN R	0.08	
MAXIMUM	0.08	
MINIMUM	0.07	
RANGE(MAX-MIN)	0.010	
MEAN	0.075	
STANDARD DEVIATION	0.007	

HEAVY DUTY RATING WORKSHOP (2013 October 8-10)

Rater= Nakano, Shinya

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 (2013 October 8-10)

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 (2013 October 8-10)

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 (2013 October 8-10)

Rater= Potocar, William P

YI Values

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

PartID	AVERAG	
VVCALL-CAL RC BFL VARN L	0.45	
VVCALR-CAL RC BFL VARN R	0.76	
MAXIMUM	0.76	
MINIMUM	0.45	
RANGE(MAX-MIN)	0.310	
MEAN	0.605	
STANDARD DEVIATION	0.219	

HEAVY DUTY RATING WORKSHOP (2013 October 8-10)

Rater= Rodriguez, Jesus (Jesse)

YI Values

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

PartID	AVERAG	
VVCALL-CAL RC BFL VARN L	0.78	
VVCALR-CAL RC BFL VARN R	0.93	
MAXIMUM	0.93	
MINIMUM	0.78	
RANGE(MAX-MIN)	0.150	
MEAN	0.855	
STANDARD DEVIATION	0.106	

HEAVY DUTY RATING WORKSHOP (2013 October 8-10)

Rater= Sanchez, Arthur

YI Values

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

PartID	AVERAG	
VVCALL-CAL RC BFL VARN L	0.24	
VVCALR-CAL RC BFL VARN R	0.37	
MAXIMUM	0.37	
MINIMUM	0.24	
RANGE(MAX-MIN)	0.130	
MEAN	0.305	
STANDARD DEVIATION	0.092	

HEAVY DUTY RATING WORKSHOP (2013 October 8-10)

Rater= Seeck, Christian

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 (2013 October 8-10)

Rater= Seiz, Ray

YI Values

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

PartID	AVERAG	
VVCALL-CAL RC BFL VARN L	-3.78	
VVCALR-CAL RC BFL VARN R	-1.39	
MAXIMUM	-3.78	
MINIMUM	-1.39	
RANGE(MAX-MIN)	-2.390	
MEAN	-2.585	
STANDARD DEVIATION	1.690	

HEAVY DUTY RATING WORKSHOP (2013 October 8-10)

Rater= Terrado, Ken

YI Values

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

PartID	AVERAG	
VVCALL-CAL RC BFL VARN L	0.24	
VVCALR-CAL RC BFL VARN R	-0.09	
MAXIMUM	0.24	
MINIMUM	-0.09	
RANGE(MAX-MIN)	0.330	
MEAN	0.075	
STANDARD DEVIATION	0.233	

HEAVY DUTY RATING WORKSHOP (2013 October 8-10)

Rater= Thomsen, Sven

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 (2013 October 8-10)

Rater= Trevino, Bobby

YI Values

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

PartID	AVERAG	
VVCALL-CAL RC BFL VARN L	0.24	
VVCALR-CAL RC BFL VARN R	0.37	
MAXIMUM	0.37	
MINIMUM	0.24	
RANGE(MAX-MIN)	0.130	
MEAN	0.305	
STANDARD DEVIATION	0.092	

HEAVY DUTY RATING WORKSHOP (2013 October 8-10)

Rater= Veiga, Victor

YI Values

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

PartID	AVERAG	
VVCALL-CAL RC BFL VARN L	0.62	
VVCALR-CAL RC BFL VARN R	0.54	
MAXIMUM	0.62	
MINIMUM	0.54	
RANGE(MAX-MIN)	0.080	
MEAN	0.580	
STANDARD DEVIATION	0.057	

HEAVY DUTY RATING WORKSHOP (2013 October 8-10)

Rater= Viera, Ralph B.

YI Values

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

PartID	AVERAG	
VVCALL-CAL RC BFL VARN L	-0.20	
VVCALR-CAL RC BFL VARN R	0.20	
MAXIMUM	-0.20	
MINIMUM	-0.20	
RANGE(MAX-MIN)	0.000	
MEAN	0.000	
STANDARD DEVIATION	0.283	

HEAVY DUTY RATING WORKSHOP (2013 October 8-10)

Rater= Xu, Ting Hai

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 (2013 October 8-10)

Rater= Zalewski, John

YI Values

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

PartID	AVERAG	
VVCALL-CAL RC BFL VARN L	0.24	
VVCALR-CAL RC BFL VARN R	0.93	
MAXIMUM	0.93	
MINIMUM	0.24	
RANGE(MAX-MIN)	0.690	
MEAN	0.585	
STANDARD DEVIATION	0.488	

HEAVY DUTY RATING WORKSHOP (2013 October 8-10)

Demerit Piston Deposits

Rater	Parts Rated	-1<yi<=1	-2<yi<=2	-3<yi<=3	>3	Yi STD	Group	Group Color
Aguirre, Nancy P	10	84.5%	96.4%	100.0%	0.0%	0.81	RED	
Arrizon, Richard	6	79.6%	93.2%	100.0%	0.0%	0.89	WHITE	
Avis, Steven	40	88.8%	100.0%	100.0%	0.0%	0.62	BLUE	
Barrera, Tony	36	89.1%	100.0%	100.0%	0.0%	0.62	BLUE	
Booth, Jeffrey	15	43.9%	82.5%	96.5%	3.5%	1.12	YELLOW	
Castillo, George	40	86.0%	100.0%	100.0%	0.0%	0.69	BLUE	
Castro, Rafael	8	53.7%	86.6%	94.0%	6.0%	1.27	YELLOW	
Clapperty, Leon	7	84.5%	98.3%	100.0%	0.0%	0.71	RED	
Clare, Jamie	30	58.5%	89.4%	99.2%	0.8%	1.15	YELLOW	
DeCapite, Vanessa	40	83.2%	95.8%	100.0%	0.0%	0.81	RED	
Foecking, Brian	24	78.3%	100.0%	100.0%	0.0%	0.76	WHITE	
Forster, Michael	20	70.9%	92.2%	100.0%	0.0%	0.96	WHITE	
Fujita, Hirokazu	19	73.7%	90.5%	99.0%	1.1%	1.10	WHITE	
Guarda, Waldyr	40	69.2%	91.6%	98.6%	1.4%	1.08	WHITE	
Gutzwiller, Jim	11	58.0%	84.1%	98.9%	1.1%	1.06	YELLOW	
Hill, Howard P.	37	63.4%	91.9%	99.2%	0.8%	1.09	WHITE	
Hurst, Kevin R.	43	82.0%	97.6%	100.0%	0.0%	0.80	RED	
Jadulal, Vishnu	6	47.9%	83.3%	100.0%	0.0%	1.22	YELLOW	
Kanauchi, Masaya	20	72.8%	97.1%	100.0%	0.0%	0.93	WHITE	
Kobrinetz, Joaquin J.	13	90.8%	97.7%	98.9%	1.2%	0.74	RED	
Kraemer, Vernon	34	68.6%	93.1%	100.0%	0.0%	1.04	WHITE	
Langford, Mike	22	68.8%	94.6%	99.1%	0.9%	0.90	WHITE	
Lauderdale, Ed	9	69.6%	97.1%	100.0%	0.0%	0.87	WHITE	
Lonsway, Chris	12	87.9%	98.9%	100.0%	0.0%	0.62	BLUE	
Lopez, Frank	40	86.0%	100.0%	100.0%	0.0%	0.73	BLUE	
Lowsky, John	41	76.7%	96.0%	100.0%	0.0%	0.88	WHITE	
May, Marianne	35	87.7%	99.1%	100.0%	0.0%	0.70	BLUE	
Nakano, Shinya	9	62.7%	89.3%	98.7%	1.3%	1.16	YELLOW	
Parvaz, Ibrar	17	60.2%	92.8%	97.6%	2.4%	1.20	WHITE	
Pitta, Jimmy	11	90.0%	100.0%	100.0%	0.0%	0.66	BLUE	
Potocar, William P	20	75.6%	97.6%	100.0%	0.0%	0.83	WHITE	
Rodriguez, Jesus (Jesse)	40	86.0%	100.0%	100.0%	0.0%	0.70	BLUE	
Sanchez, Arthur	40	71.3%	97.9%	100.0%	0.0%	0.73	WHITE	
Seeck, Christian	33	69.6%	95.9%	98.1%	1.9%	0.96	WHITE	
Seiz, Ray	40	73.2%	95.3%	99.3%	0.7%	0.93	WHITE	
Terrado, Ken	7	87.3%	100.0%	100.0%	0.0%	0.66	BLUE	
Thomsen, Sven	15	62.3%	92.1%	98.3%	1.8%	1.18	WHITE	
Trevino, Bobby	11	84.8%	97.8%	100.0%	0.0%	0.62	RED	
Veiga, Victor	44	69.6%	97.6%	100.0%	0.0%	0.91	WHITE	
Viera, Ralph B.	38	83.2%	98.4%	99.2%	0.8%	0.80	RED	
Xu, Ting Hai	38	63.8%	84.3%	99.2%	0.8%	1.11	YELLOW	
Zalewski, John	40	70.6%	93.7%	98.6%	1.4%	1.04	WHITE	
Broff, Andy	35	54.6%	84.6%	96.4%	3.6%	1.37	YELLOW	
Escobar, Wilmar	1	57.1%	85.7%	100.0%	0.0%	1.19	N/A	
Li, Shenghua	7	57.6%	94.9%	98.3%	1.7%	1.13	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	19	43%
Red	6	80%	95%	0.85	7	16%
Blue	6	85%	98%	0.75	9	20%
Yellow	-	-	-	-	9	20%

HEAVY DUTY RATING WORKSHOP (2013 October 8-10)

C13 Ring Carbon

Rater	Parts Rated	-1<yi<=1	-2<yi<=2	-3<yi<=3	>3	Yi STD	Group	Group Color
Barrera, Tony	24	83.3%	100.0%	100.0%	0.0%	0.48	RED	
Castillo, George	24	95.8%	100.0%	100.0%	0.0%	0.52	BLUE	
Foecking, Brian	6	83.3%	100.0%	100.0%	0.0%	0.41	RED	
Forster, Michael	18	55.6%	100.0%	100.0%	0.0%	0.89	YELLOW	
Guarda, Waldyr	24	87.5%	100.0%	100.0%	0.0%	0.71	BLUE	
Gutzwiller, Jim	24	54.2%	95.8%	100.0%	0.0%	0.92	YELLOW	
Hill, Howard P.	12	75.0%	100.0%	100.0%	0.0%	0.69	WHITE	
Kobrinetz, Joaquin J.	6	83.3%	100.0%	100.0%	0.0%	0.49	RED	
May, Marianne	24	79.2%	100.0%	100.0%	0.0%	0.57	WHITE	
Seeck, Christian	24	25.0%	87.5%	100.0%	0.0%	1.44	YELLOW	
Seiz, Ray	24	58.3%	95.8%	100.0%	0.0%	0.87	YELLOW	
Viera, Ralph B.	24	70.8%	95.8%	100.0%	0.0%	1.01	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	3	25%
Red	6	80%	95%	0.85	3	25%
Blue	6	85%	98%	0.75	2	17%
Yellow	-	-	-	-	4	33%

HEAVY DUTY RATING WORKSHOP (2013 October 8-10)

SLUDGE

Rater	Parts Rated	-1<yi<=1	-2<yi<=2	-3<yi<=3	>3	Yi STD	Group	Group Color
Aguirre, Nancy P	6	83.3%	100.0%	100.0%	0.0%	0.90	WHITE	
Avis, Steven	6	66.7%	100.0%	100.0%	0.0%	0.85	WHITE	
Barrera, Tony	6	66.7%	100.0%	100.0%	0.0%	0.77	WHITE	
Castillo, George	6	100.0%	100.0%	100.0%	0.0%	0.43	BLUE	
Clapperty, Leon	4	75.0%	100.0%	100.0%	0.0%	0.91	N/A	
Clare, Jamie	4	75.0%	100.0%	100.0%	0.0%	0.89	N/A	
DeCapite, Vanessa	6	100.0%	100.0%	100.0%	0.0%	0.41	BLUE	
Foecking, Brian	6	66.7%	100.0%	100.0%	0.0%	0.80	WHITE	
Forster, Michael	4	25.0%	100.0%	100.0%	0.0%	1.12	N/A	
Guarda, Waldyr	6	100.0%	100.0%	100.0%	0.0%	0.44	BLUE	
Gutzwiller, Jim	6	50.0%	100.0%	100.0%	0.0%	0.89	YELLOW	
Hill, Howard P.	3	0.0%	33.3%	66.7%	33.3%	0.66	N/A	
Hurst, Kevin R.	6	50.0%	66.7%	100.0%	0.0%	1.00	YELLOW	
Kobrinetz, Joaquin J.	6	100.0%	100.0%	100.0%	0.0%	0.48	BLUE	
Kraemer, Vernon	6	83.3%	83.3%	83.3%	16.7%	1.81	YELLOW	
Langford, Mike	6	66.7%	100.0%	100.0%	0.0%	0.80	WHITE	
Lonsway, Chris	6	66.7%	100.0%	100.0%	0.0%	0.59	WHITE	
Lopez, Frank	6	83.3%	100.0%	100.0%	0.0%	0.52	RED	
Lowsky, John	6	66.7%	100.0%	100.0%	0.0%	0.90	WHITE	
May, Marianne	6	100.0%	100.0%	100.0%	0.0%	0.26	BLUE	
Potocar, William P	6	100.0%	100.0%	100.0%	0.0%	0.43	BLUE	
Rodriguez, Jesus (Jesse)	6	100.0%	100.0%	100.0%	0.0%	0.56	BLUE	
Sanchez, Arthur	6	83.3%	100.0%	100.0%	0.0%	0.73	RED	
Seiz, Ray	6	100.0%	100.0%	100.0%	0.0%	0.40	BLUE	
Terrado, Ken	6	16.7%	83.3%	100.0%	0.0%	0.81	YELLOW	
Trevino, Bobby	6	66.7%	100.0%	100.0%	0.0%	0.80	WHITE	
Veiga, Victor	6	83.3%	100.0%	100.0%	0.0%	0.80	RED	
Viera, Ralph B.	6	100.0%	100.0%	100.0%	0.0%	0.42	BLUE	
Zalewski, John	6	100.0%	100.0%	100.0%	0.0%	0.52	BLUE	
Broff, Andy	6	33.3%	66.7%	83.3%	16.7%	1.90	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	8	31%
Red	6	80%	95%	0.85	3	12%
Blue	6	85%	98%	0.75	10	38%
Yellow	-	-	-	-	5	19%