



A Program of ASTM International

Test Monitoring Center

203 Armstrong Drive, Freeport, PA 16229, USA

www.astmtmc.org
412-365-1000

April 25, 2023

To Participants of the ASTM International 2023 Standardized Testing Rating Workshop:

The minutes of the workshop and a copy of all data generated are attached.

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,

Sean A. Moyer
Test Monitoring Center
Manager, Engineering Services

Heavy Duty Rating Workshop

March 6 - 10, 2023

San Antonio, Texas

The ASTM Standardized Testing Deposit Rating Workshop was conducted in San Antonio, TX, in two sessions, from March 6 to March 10th, 2023. The workshop was conducted according to the following schedule:

Session A – Target Setting Session

Day	Time	Activities
Monday	8:00 a.m. – 4:00 p.m.	Introductory remarks; discussion of rating issues; Instructions; Rate and input data
Monday	4:00 p.m. – 5:30 p.m.	First data review session
Tuesday	8:00 a.m. – 5:00 p.m.	Rate and input data
Wednesday	8:00 a.m. – 2:00 p.m.	Rate and input data
Wednesday	2:00 p.m. – 5:00 p.m.	Final data review and discussion

Session B – Open Session

Day	Time	Activities
Wednesday	8:00 a.m. – 10:00 a.m.	Introductory remarks; discussion of rating issues; Instructions;
Wednesday	10:00 a.m. – 5:00 p.m.	Rate and input data; rating advisors available
Thursday	8:00 a.m. – 5:00 p.m.	Rate and input data; rating advisors available
Friday	8:00 a.m. – 3:00 p.m.	Rate and input data
Friday	3:00 p.m. – 5:00 p.m.	Review and discuss results

New Items

This was the first workshop to combine the light duty and heavy duty workshops in to one “Standardized Testing Deposit Workshop”. The format remained much the same with a combination of parts from both light and heavy duty.

Summary of Review and Discussion Sessions

Data review and discussion sessions occurred on Monday, Tuesday, Wednesday and Friday. The final data review on Friday occurred right after lunch.

Ongoing Items

LED Lighting

The new LED lighting, while an improvement over the older fluorescent lamps, produces a visual doppler effect on the pistons (this was noted at the previous workshop). The TMC and members of the Rating Surveillance Panel will investigate possible diffusers to mitigate this effect.

Heavy Duty Rating Workshop

March 6 - 10, 2023

San Antonio, Texas

Future Workshops

The next standardized testing rating workshop will be scheduled for the spring of 2024. A rating workshop for field testing issues will be conducted in San Antonio from October 16th-20th, 2023.

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

Paula Fluehr
ASTM International
100 Barr Harbor Drive
West Conshohocken, PA 19428
email: pfluehr@astm.org

Lab Raters (Mar. 6-10, 2023)

Part ID= A1 - KEYSTONE

Rated Values

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

Rater	G1TOT	G2TOT	G3TOT	USTOT	L1TOT	L2TOT	L3TOT	TGF	2ndGF	TLHC
Aguirre, Nancy P	32.25	31.00	1.26	1.13	9.00	26.50	1.30	20.00	18.00	0.00
Andiloro, Marcello	35.50	34.00	1.12	1.19	9.28	28.00	1.45	26.00	23.00	0.00
Austin, Philip	32.82	31.00	0.94	0.95	9.58	29.31	1.60	15.00	16.00	0.00
Barrera, Tony	30.50	31.75	0.98	1.07	7.21	29.32	1.39	16.00	22.00	0.00
Burk, Stephen	30.51	31.75	0.67	1.30	7.06	25.75	1.51	19.70	15.60	0.00
Chalkley Jr, Gerald	29.75	31.00	1.19	1.15	7.46	29.50	1.42	15.00	14.00	0.00
DeCapite, Vanessa	31.50	34.75	0.86	0.98	9.31	30.25	1.50	20.00	17.00	0.00
Dominguez, Lucio	33.75	34.75	0.80	1.11	8.20	30.25	1.50	22.00	21.00	0.00
Lonsway, Chris	29.50	31.00	1.21	1.09	3.91	28.75	1.47	27.00	27.00	0.00
Lopez, Frank	30.00	34.00	1.09	1.12	10.72	28.00	1.44	29.00	21.00	0.00
Moore, Sean	33.25	33.25	0.83	1.02	7.49	27.25	1.20	15.00	15.00	0.00
Ragsdale, Kirt	34.30	32.50	0.93	1.05	9.23	29.50	1.49	23.00	21.00	0.00
Rodriguez, Jesus (Jesse)	32.50	31.00	1.02	0.77	7.96	30.25	1.70	18.00	22.00	0.00
Sanchez, Arthur	31.50	32.50	0.74	1.06	9.71	28.75	1.74	19.00	16.00	0.00
Sanchez, Christopher	32.25	31.75	1.00	0.95	9.10	26.50	1.31	17.00	15.00	0.00
Trevino, Robert	32.25	31.75	0.99	0.92	9.65	27.25	1.19	16.00	18.00	0.00
MAXIMUM	34.30	34.75	1.26	1.13	10.72	30.25	1.74	29.00	22.00	0.00
MINIMUM	30.00	31.00	0.74	0.92	7.21	26.50	1.19	16.00	15.00	0.00
RANGE(MAX-MIN)	4.300	3.750	0.520	0.210	3.510	3.750	0.550	13.000	7.000	0.000
MEAN	32.033	32.750	0.961	1.043	9.126	28.480	1.429	20.222	18.778	0.000
STANDARD DEVIATION	1.382	1.403	0.156	0.100	0.984	1.486	0.158	4.116	2.539	0.100
N SIZE	16.000									

Part ID= A1 - KEYSTONE

A1 YI Values

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

Rater	G1TOT	G2TOT	G3TOT	USTOT	L1TOT	L2TOT	L3TOT	TGF	2ndGF	TLHC
Aguirre, Nancy P	0.16	-1.25	1.92	0.87	-0.13	-1.33	-0.82	-0.05	-0.31	0.00
Andiloro, Marcello	2.51	0.89	1.02	1.47	0.16	-0.32	0.13	1.40	1.66	0.00
Austin, Philip	0.57	-1.25	-0.14	-0.93	0.46	0.56	1.08	-1.27	-1.09	0.00
Barrera, Tony	-1.11	-0.71	0.12	0.27	-1.95	0.57	-0.25	-1.03	1.27	0.00
Burk, Stephen	-1.10	-0.71	-1.87	2.57	-2.10	-1.84	0.51	-0.13	-1.25	0.00
Chalkley Jr, Gerald	-1.65	-1.25	1.47	1.07	-1.69	0.69	-0.06	-1.27	-1.88	0.00
DeCapite, Vanessa	-0.39	1.43	-0.65	-0.63	0.19	1.19	0.45	-0.05	-0.70	0.00
Dominguez, Lucio	1.24	1.43	-1.03	0.67	-0.94	1.19	0.45	0.43	0.88	0.00
Lonsway, Chris	-1.83	-1.25	1.60	0.47	-5.30	0.18	0.26	1.65	3.24	0.00
Lopez, Frank	-1.47	0.89	0.83	0.77	1.62	-0.32	0.07	2.13	0.88	0.00
Moore, Sean	0.88	0.36	-0.84	-0.23	-1.66	-0.83	-1.45	-1.27	-1.49	0.00
Ragsdale, Kirt	1.64	-0.18	-0.20	0.07	0.11	0.69	0.39	0.67	0.88	0.00
Rodriguez, Jesus (Jesse)	0.34	-1.25	0.38	-2.73	-1.18	1.19	1.71	-0.54	1.27	0.00
Sanchez, Arthur	-0.39	-0.18	-1.42	0.17	0.59	0.18	1.97	-0.30	-1.09	0.00
Sanchez, Christopher	0.16	-0.71	0.25	-0.93	-0.03	-1.33	-0.75	-0.78	-1.49	0.00
Trevino, Robert	0.16	-0.71	0.19	-1.23	0.53	-0.83	-1.51	-1.03	-0.31	0.00
MAXIMUM	1.64	1.43	1.92	-1.23	-1.95	-1.33	1.97	2.13	-1.49	0.00
MINIMUM	0.16	-0.18	0.12	0.07	-0.03	0.18	0.07	-0.05	-0.31	0.00
RANGE(MAX-MIN)	1.483	1.604	1.795	-1.300	-1.921	-1.514	1.897	2.186	-1.182	0.000
MEAN	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	0.765	1.000	1.000	1.000	1.000	1.000	0.100
N SIZE	16.000									

Lab Raters (Mar. 6-10, 2023)

Part ID= A2 - KEYSTONE

Rated Values

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

Rater	G1TOT	G2TOT	G3TOT	USTOT	L1TOT	L2TOT	L3TOT	TGF	2ndGF	TLHC
Aguirre, Nancy P	25.50	49.75	1.26	0.98	3.18	26.27	1.24	7.00	49.00	0.00
Andiloro, Marcello	25.75	55.00	0.95	0.63	6.56	26.50	0.89	7.00	48.00	0.00
Austin, Philip	25.82	52.75	0.86	0.71	6.49	27.03	0.95	7.00	42.00	0.00
Barrera, Tony	25.00	53.50	1.10	0.90	5.50	29.28	0.84	7.00	43.00	0.00
Burk, Stephen	25.75	47.50	0.61	0.82	5.02	26.82	0.69	7.00	44.00	0.00
DeCapite, Vanessa	26.00	47.50	0.76	0.71	4.30	28.31	0.81	6.00	50.00	0.00
Dominguez, Lucio	25.25	49.75	1.10	0.80	5.35	27.76	1.11	8.00	40.00	0.00
Lonsway, Chris	26.75	55.75	0.68	0.45	4.08	26.59	0.61	7.00	50.00	0.00
Lopez, Frank	25.00	43.75	0.92	0.62	5.90	26.28	1.02	7.00	44.00	0.00
Moore, Sean	25.75	54.25	0.61	0.85	5.09	27.25	0.85	7.00	44.00	0.00
Ragsdale, Kirt	25.60	50.50	0.66	0.71	6.08	27.03	0.56	8.00	38.00	0.00
Rodriguez, Jesus (Jesse)	25.75	48.25	0.60	0.41	3.95	27.76	0.73	7.00	43.00	0.00
Sanchez, Arthur	25.50	52.00	1.13	0.42	5.51	26.26	0.94	8.00	38.00	0.00
Sanchez, Christopher	25.50	51.25	0.90	0.61	6.29	26.27	0.59	7.00	48.00	0.00
Trevino, Robert	25.25	53.50	0.94	0.68	6.39	27.03	0.62	7.00	44.00	0.00
MAXIMUM	26.00	53.50	1.26	0.98	6.39	29.28	1.24	8.00	50.00	0.00
MINIMUM	25.00	43.75	0.66	0.42	3.18	26.26	0.56	6.00	38.00	0.00
RANGE(MAX-MIN)	1.000	9.750	0.600	0.560	3.210	3.020	0.680	2.000	12.000	0.000
MEAN	25.400	50.167	0.974	0.714	5.389	27.166	0.859	7.222	43.778	0.000
STANDARD DEVIATION	0.315	3.072	0.191	0.166	1.040	1.083	0.240	0.667	4.549	0.100
N SIZE	15.000									

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	TGF	2ndGF	TLHC
Aguirre, Nancy P	0.32	-0.14	1.50	1.60	-2.12	-0.83	1.59	-0.33	1.15	0.00
Andiloro, Marcello	1.11	1.57	-0.13	-0.51	1.13	-0.61	0.13	-0.33	0.93	0.00
Austin, Philip	1.33	0.84	-0.60	-0.03	1.06	-0.13	0.38	-0.33	-0.39	0.00
Barrera, Tony	-1.27	1.09	0.66	1.12	0.11	1.95	-0.08	-0.33	-0.17	0.00
Burk, Stephen	1.11	-0.87	-1.91	0.64	-0.35	-0.32	-0.70	-0.33	0.05	0.00
DeCapite, Vanessa	1.90	-0.87	-1.12	-0.03	-1.05	1.06	-0.20	-1.83	1.37	0.00
Dominguez, Lucio	-0.48	-0.14	0.66	0.52	-0.04	0.55	1.04	1.17	-0.83	0.00
Lonsway, Chris	4.28	1.82	-1.54	-1.59	-1.26	-0.53	-1.04	-0.33	1.37	0.00
Lopez, Frank	-1.27	-2.09	-0.29	-0.57	0.49	-0.82	0.67	-0.33	0.05	0.00
Moore, Sean	1.11	1.33	-1.91	0.82	-0.29	0.08	-0.04	-0.33	0.05	0.00
Ragsdale, Kirt	0.63	0.11	-1.65	-0.03	0.66	-0.13	-1.24	1.17	-1.27	0.00
Rodriguez, Jesus (Jesse)	1.11	-0.62	-1.96	-1.84	-1.38	0.55	-0.54	-0.33	-0.17	0.00
Sanchez, Arthur	0.32	0.60	0.81	-1.78	0.12	-0.84	0.34	1.17	-1.27	0.00
Sanchez, Christopher	0.32	0.35	-0.39	-0.63	0.87	-0.83	-1.12	-0.33	0.93	0.00
Trevino, Robert	-0.48	1.09	-0.18	-0.21	0.96	-0.13	-0.99	-0.33	0.05	0.00
MAXIMUM	1.90	-2.09	-1.65	-1.78	-2.12	1.95	1.59	-1.83	1.37	0.00
MINIMUM	0.32	0.11	-0.18	-0.03	-0.04	-0.13	-0.08	-0.33	0.05	0.00
RANGE(MAX-MIN)	1.586	-2.197	-1.466	-1.749	-2.087	2.078	1.664	-1.500	1.319	0.000
MEAN	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	0.100
N SIZE	15.000									

Lab Raters (Mar. 6-10, 2023)

Part ID= A3 - KEYSTONE

Rated Values

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

Rater	G1TOT	G2TOT	G3TOT	USTOT	L1TOT	L2TOT	L3TOT	TGF	2ndGF	TLHC
Aguirre, Nancy P	25.00	30.55	1.33	0.88	0.63	23.04	2.06	8.00	17.00	0.00
Andiloro, Marcello	25.00	31.00	4.75	0.53	3.63	18.41	2.11	7.00	18.00	0.00
Austin, Philip	25.00	31.01	1.13	0.66	2.93	25.41	1.68	7.00	20.00	0.00
Barrera, Tony	25.00	34.30	1.36	0.75	2.19	29.40	1.55	7.00	33.00	0.00
Burk, Stephen	25.00	30.77	1.05	0.62	1.60	25.94	2.25	7.00	20.20	0.00
DeCapite, Vanessa	25.00	33.56	1.21	0.52	1.98	24.13	1.73	6.00	18.00	0.00
Dominguez, Lucio	25.00	34.51	1.10	0.64	2.13	23.64	1.85	7.00	20.00	0.00
Lonsway, Chris	25.00	31.51	1.24	0.42	1.52	24.93	1.60	7.00	22.00	0.00
Lopez, Frank	25.00	31.00	1.15	0.80	2.83	24.64	1.77	8.00	26.00	0.00
Moore, Sean	25.00	31.52	1.28	0.71	3.11	23.50	1.90	4.00	20.00	0.00
Ragsdale, Kirt	25.00	33.37	1.26	0.93	0.87	28.84	1.94	7.00	16.00	0.00
Rodriguez, Jesus (Jesse)	25.00	34.00	1.22	0.68	2.09	22.91	1.90	6.00	22.00	0.00
Sanchez, Arthur	25.00	33.79	1.45	0.44	3.47	25.91	1.96	7.00	24.00	0.00
Sanchez, Christopher	25.00	31.52	1.27	0.58	1.80	22.17	1.90	6.00	18.00	0.00
Trevino, Robert	25.00	33.34	1.34	0.56	1.85	21.96	1.85	7.00	21.00	0.00
MAXIMUM	25.00	34.51	1.45	0.93	3.47	29.40	2.06	8.00	33.00	0.00
MINIMUM	25.00	30.55	1.10	0.44	0.63	21.96	1.55	6.00	16.00	0.00
RANGE(MAX-MIN)	0.000	3.960	0.350	0.490	2.840	7.440	0.510	2.000	17.000	0.000
MEAN	25.000	32.882	1.274	0.678	1.972	24.859	1.846	7.000	21.444	0.000
STANDARD DEVIATION	0.100	1.467	0.109	0.170	0.874	2.706	0.149	0.707	5.434	0.100
N SIZE	15.000									

Part ID= A3 - KEYSTONE

A3 YI Values

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

Rater	G1TOT	G2TOT	G3TOT	USTOT	L1TOT	L2TOT	L3TOT	TGF	2ndGF	TLHC
Aguirre, Nancy P	0.00	-1.59	0.51	1.19	-1.54	-0.67	1.44	1.41	-0.82	0.00
Andiloro, Marcello	0.00	-1.28	4.35	-0.87	1.90	-2.38	1.78	0.00	-0.63	0.00
Austin, Philip	0.00	-1.28	-1.32	-0.10	1.10	0.20	-1.11	0.00	-0.27	0.00
Barrera, Tony	0.00	0.97	0.78	0.43	0.25	1.68	-1.98	0.00	2.13	0.00
Burk, Stephen	0.00	-1.44	-2.05	-0.34	-0.43	0.40	2.72	0.00	-0.23	0.00
DeCapite, Vanessa	0.00	0.46	-0.59	-0.93	0.01	-0.27	-0.78	-1.41	-0.63	0.00
Dominguez, Lucio	0.00	1.11	-1.59	-0.22	0.18	-0.45	0.03	0.00	-0.27	0.00
Lonsway, Chris	0.00	-0.94	-0.31	-1.52	-0.52	0.03	-1.65	0.00	0.10	0.00
Lopez, Frank	0.00	-1.28	-1.14	0.72	0.98	-0.08	-0.51	1.41	0.84	0.00
Moore, Sean	0.00	-0.93	0.05	0.19	1.30	-0.50	0.37	-4.24	-0.27	0.00
Ragsdale, Kirt	0.00	0.33	-0.13	1.48	-1.26	1.47	0.63	0.00	-1.00	0.00
Rodriguez, Jesus (Jesse)	0.00	0.76	-0.50	0.01	0.13	-0.72	0.37	-1.41	0.10	0.00
Sanchez, Arthur	0.00	0.62	1.60	-1.40	1.71	0.39	0.77	0.00	0.47	0.00
Sanchez, Christopher	0.00	-0.93	-0.04	-0.58	-0.20	-0.99	0.37	-1.41	-0.63	0.00
Trevino, Robert	0.00	0.31	0.60	-0.69	-0.14	-1.07	0.03	0.00	-0.08	0.00
MAXIMUM	0.00	-1.59	1.60	1.48	1.71	1.68	-1.98	1.41	2.13	0.00
MINIMUM	0.00	0.31	-0.04	-0.22	0.01	-0.08	0.03	0.00	-0.08	0.00
RANGE(MAX-MIN)	0.000	-1.901	1.645	1.707	1.705	1.759	-2.014	1.414	2.208	0.000
MEAN	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
STANDARD DEVIATION	0.100	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	0.100
N SIZE	15.000									

Lab Raters (Mar. 6-10, 2023)

Part ID= A4 - KEYSTONE

Rated Values

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

Rater	UCTOT	
Aguirre, Nancy P	1.17	
Andiloro, Marcello	0.84	
Austin, Philip	1.03	
Barrera, Tony	1.20	
Burk, Stephen	1.17	
Chalkley Jr, Gerald	1.16	
DeCapite, Vanessa	1.16	
Dominguez, Lucio	1.09	
Lonsway, Chris	0.87	
Lopez, Frank	1.13	
Moore, Sean	1.07	
Ragsdale, Kirt	0.76	
Sanchez, Arthur	0.66	
Sanchez, Christopher	0.80	
Trevino, Robert	1.06	
MAXIMUM	1.20	
MINIMUM	0.66	
RANGE(MAX-MIN)	0.540	
MEAN	1.003	
STANDARD DEVIATION	0.205	
N SIZE	15.000	

Part ID= A4 - KEYSTONE

A4 Yi Values

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

Rater	UCTOT	
Aguirre, Nancy P	0.81	
Andiloro, Marcello	-0.80	
Austin, Philip	0.13	
Barrera, Tony	0.96	
Burk, Stephen	0.81	
Chalkley Jr, Gerald	0.76	
DeCapite, Vanessa	0.76	
Dominguez, Lucio	0.42	
Lonsway, Chris	-0.65	
Lopez, Frank	0.62	
Moore, Sean	0.33	
Ragsdale, Kirt	-1.19	
Sanchez, Arthur	-1.67	
Sanchez, Christopher	-0.99	
Trevino, Robert	0.28	
MAXIMUM	-1.67	
MINIMUM	0.28	
RANGE(MAX-MIN)	-1.951	
MEAN	0.000	
STANDARD DEVIATION	1.000	
N SIZE	15.000	

Lab Raters (Mar. 6-10, 2023)

Part ID= A5 - C13-STYLE

Rated Values

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

Rater	G1TOT	G2TOT	G3TOT	L1TOT	L2TOT	L3TOT	L4TOT	TGF	2ndGF	TLHC	AGF
Aguirre, Nancy P	41.28	14.37	2.58	24.71	25.10	2.23	3.42	42.00	3.00	13.00	20.00
Allen, Duane	39.39	11.97	1.50	24.17	24.36	2.97	3.76	30.00	2.00	13.00	19.00
Andiloro, Marcello	42.33	12.72	2.70	24.54	29.51	2.00	1.65	33.00	2.00	15.00	15.00
Austin, Philip	35.49	11.56	2.79	24.36	24.17	2.44	1.50	30.00	3.00	13.00	18.00
Barrera, Tony	42.49	14.17	3.45	25.66	25.11	2.21	3.45	43.00	3.00	14.00	19.00
Burk, Stephen	44.75	11.66	3.30	24.54	24.55	2.03	4.50	36.10	2.60	15.00	16.00
Chalkley Jr, Gerald	35.37	12.84	2.26	24.31	24.35	2.36	3.30	28.00	2.00	12.00	13.00
DeCapite, Vanessa	36.45	14.15	2.26	25.97	32.56	2.41	1.50	37.00	2.00	15.00	25.00
Dominguez, Lucio	43.87	12.38	3.00	25.29	28.06	2.78	4.04	35.00	3.00	11.00	15.00
Lonsway, Chris	35.90	11.43	3.00	24.50	26.88	1.97	1.50	45.00	3.00	14.00	16.00
Lopez, Frank	33.35	14.09	2.70	23.95	24.50	2.41	2.36	28.00	2.00	12.00	16.00
Moore, Sean	31.93	13.51	4.04	24.54	32.48	3.39	4.50	29.00	3.00	15.00	15.00
Ragsdale, Kirt	40.61	12.30	2.85	24.94	28.55	2.87	3.99	23.00	3.00	13.00	27.00
Rodriguez, Jesus (Jesse)	39.44	13.79	2.85	25.47	27.99	2.93	4.50	33.00	3.00	12.00	14.00
Sanchez, Arthur	39.55	14.51	2.46	26.14	31.58	2.74	4.26	38.00	4.00	17.00	10.00
Sanchez, Christopher	39.10	11.96	3.00	24.76	25.78	3.02	3.26	40.00	3.00	14.00	17.00
Trevino, Robert	37.80	10.86	2.82	24.85	26.16	3.04	3.06	38.00	2.00	15.00	16.00
MAXIMUM	43.87	14.51	3.45	26.14	32.56	3.04	4.26	43.00	4.00	17.00	27.00
MINIMUM	33.35	10.86	2.26	23.95	24.50	2.21	1.50	23.00	2.00	11.00	10.00
RANGE(MAX-MIN)	10.520	3.650	1.190	2.190	8.060	0.830	2.760	20.000	2.000	6.000	17.000
MEAN	39.389	13.199	2.791	25.141	27.489	2.634	3.260	36.000	2.778	13.778	18.333
STANDARD DEVIATION	3.211	1.333	0.348	0.694	2.935	0.325	0.877	6.557	0.667	1.787	5.196
N SIZE	17.000										

Part ID= A5 - C13-STYLE

A5 Y1 Values

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

Rater	G1TOT	G2TOT	G3TOT	L1TOT	L2TOT	L3TOT	L4TOT	TGF	2ndGF	TLHC	AGF
Aguirre, Nancy P	0.59	0.88	-0.61	-0.62	-0.81	-1.24	0.18	0.92	0.33	-0.44	0.32
Allen, Duane	0.00	-0.92	-3.74	-1.40	-1.07	1.03	0.57	-0.92	-1.17	-0.44	0.13
Andiloro, Marcello	0.92	-0.36	-0.26	-0.87	0.69	-1.95	-1.84	-0.46	-1.17	0.68	-0.64
Austin, Philip	-1.21	-1.23	0.00	-1.13	-1.13	-0.60	-2.01	-0.92	0.33	-0.44	-0.06
Barrera, Tony	0.97	0.73	1.89	0.75	-0.81	-1.31	0.22	1.07	0.33	0.12	0.13
Burk, Stephen	1.67	-1.15	1.46	-0.87	-1.00	-1.86	1.41	0.02	-0.27	0.68	-0.45
Chalkley Jr, Gerald	-1.25	-0.27	-1.53	-1.20	-1.07	-0.84	0.05	-1.22	-1.17	-0.99	-1.03
DeCapite, Vanessa	-0.92	0.71	-1.53	1.19	1.73	-0.69	-2.01	0.15	-1.17	0.68	1.28
Dominguez, Lucio	1.40	-0.61	0.60	0.21	0.19	0.45	0.89	-0.15	0.33	-1.55	-0.64
Lonsway, Chris	-1.09	-1.33	0.60	-0.92	-0.21	-2.04	-2.01	1.37	0.33	0.12	-0.45
Lopez, Frank	-1.88	0.67	-0.26	-1.72	-1.02	-0.69	-1.03	-1.22	-1.17	-0.99	-0.45
Moore, Sean	-2.32	0.23	-3.59	-0.87	1.70	2.32	1.41	-1.07	0.33	0.68	-0.64
Ragsdale, Kirt	0.38	-0.67	0.17	-0.29	0.36	0.72	0.83	-1.98	0.33	-0.44	1.67
Rodriguez, Jesus (Jesse)	0.02	0.44	0.17	0.47	0.17	0.91	1.41	-0.46	0.33	-0.99	-0.83
Sanchez, Arthur	0.05	0.98	-0.95	1.44	1.39	0.32	1.14	0.31	1.83	1.80	-1.60
Sanchez, Christopher	-0.09	-0.93	0.60	-0.55	-0.58	1.19	0.00	0.61	0.33	0.12	-0.26
Trevino, Robert	-0.49	-1.75	0.08	-0.42	-0.45	1.25	-0.23	0.31	-1.17	0.68	-0.45
MAXIMUM	-1.88	-1.75	1.89	-1.72	1.73	-1.31	-2.01	-1.98	1.83	1.80	1.67
MINIMUM	0.05	-0.61	0.08	0.21	0.19	0.32	0.00	0.15	0.33	0.12	0.13
RANGE(MAX-MIN)	-1.931	-1.140	1.809	-1.931	1.534	-1.630	-2.007	-2.135	1.500	1.679	1.540
MEAN	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
N SIZE	17.000										

Lab Raters (Mar. 6-10, 2023)

Part ID= A6 - C13-STYLE

Rated Values

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

Rater	G1TOT	G2TOT	G3TOT	L1TOT	L2TOT	L3TOT	L4TOT	TGF	2ndGF	TLHC	AGF	
Andiloro, Marcello	40.75	9.40	2.55	21.37	37.04	8.00	1.50	36.00	2.00	5.00	29.00	
Austin, Philip	39.25	10.81	2.70	18.44	35.26	8.88	1.25	35.00	2.00	10.00	35.00	
Barrera, Tony	43.07	10.25	2.40	18.03	37.42	8.06	1.50	33.00	1.00	6.00	42.00	
Burk, Stephen	30.25	11.15	2.70	19.45	35.35	8.96	1.50	35.00	2.00	7.00	38.00	
Chalkley Jr, Gerald	40.25	9.40	2.10	20.09	30.95	9.53	1.50	47.00	2.00	8.00	43.00	
DeCapite, Vanessa	32.75	11.02	2.10	19.40	46.39	10.43	1.50	38.00	1.00	10.00	28.00	
Dominguez, Lucio	37.54	10.24	2.55	19.53	38.85	9.05	2.16	39.00	2.00	4.00	32.00	
Lonsway, Chris	33.25	8.45	3.00	18.39	38.90	9.16	3.60	34.00	1.00	8.00	27.00	
Lopez, Frank	36.75	8.86	1.94	24.52	35.36	10.11	1.50	34.00	1.00	7.00	39.00	
Moore, Sean	39.34	10.21	3.30	19.45	37.40	8.97	1.92	38.00	2.00	7.00	33.00	
Ragsdale, Kirt	34.01	11.42	3.18	18.89	34.63	8.14	2.13	40.00	3.00	9.00	40.00	
Rodriguez, Jesus (Jesse)	37.75	10.33	2.76	18.51	35.93	9.67	1.94	38.00	2.00	9.00	33.00	
Sanchez, Arthur	36.50	10.44	1.98	16.53	37.50	9.52	1.65	45.00	1.00	7.00	25.00	
Sanchez, Christopher	36.50	10.70	2.64	19.18	35.33	8.67	2.26	44.00	3.00	7.00	35.00	
Trevino, Robert	37.75	10.70	2.76	18.24	34.45	8.55	1.94	39.00	2.00	9.00	35.00	
MAXIMUM	43.07	11.42	3.18	24.52	46.39	10.43	2.26	45.00	3.00	10.00	42.00	
MINIMUM	32.75	8.86	1.94	16.53	34.45	8.06	1.50	33.00	1.00	4.00	25.00	
RANGE(MAX-MIN)	10.320	2.560	1.240	7.990	11.940	2.370	0.760	12.000	2.000	6.000	17.000	
MEAN	36.859	10.454	2.444	19.290	37.491	9.066	1.830	39.000	1.750	7.375	34.500	
STANDARD DEVIATION	3.050	0.756	0.428	2.327	3.922	0.882	0.328	4.209	0.886	1.923	5.928	
N SIZE	15.000											

Part ID= A6 - C13-STYLE

A6 YI Values

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

Rater	G1TOT	G2TOT	G3TOT	L1TOT	L2TOT	L3TOT	L4TOT	TGF	2ndGF	TLHC	AGF	
Andiloro, Marcello	1.28	-1.39	0.25	0.89	-0.12	-1.21	-1.00	-0.71	0.28	-1.24	-0.93	
Austin, Philip	0.78	0.47	0.60	-0.37	-0.57	-0.21	-1.77	-0.95	0.28	1.37	0.08	
Barrera, Tony	2.04	-0.27	-0.10	-0.54	-0.02	-1.14	-1.00	-1.43	-0.85	-0.72	1.27	
Burk, Stephen	-2.17	0.92	0.60	0.07	-0.55	-0.12	-1.00	-0.95	0.28	-0.20	0.59	
Chalkley Jr, Gerald	1.11	-1.39	-0.80	0.34	-1.67	0.53	-1.00	1.90	0.28	0.33	1.43	
DeCapite, Vanessa	-1.35	0.75	-0.80	0.05	2.27	1.55	-1.00	-0.24	-0.85	1.37	-1.10	
Dominguez, Lucio	0.22	-0.28	0.25	0.10	0.35	-0.02	1.00	0.00	0.28	-1.76	-0.42	
Lonsway, Chris	-1.18	-2.65	1.30	-0.39	0.36	0.11	5.39	-1.19	-0.85	0.33	-1.27	
Lopez, Frank	-0.04	-2.11	-1.18	2.25	-0.54	1.18	-1.00	-1.19	-0.85	-0.20	0.76	
Moore, Sean	0.81	-0.32	2.00	0.07	-0.02	-0.11	0.27	-0.24	0.28	-0.20	-0.25	
Ragsdale, Kirt	-0.93	1.28	1.72	-0.17	-0.73	-1.05	0.91	0.24	1.41	0.85	0.93	
Rodriguez, Jesus (Jesse)	0.29	-0.16	0.74	-0.34	-0.40	0.68	0.33	-0.24	0.28	0.85	-0.25	
Sanchez, Arthur	-0.12	-0.02	-1.08	-1.19	0.00	0.51	-0.55	1.43	-0.85	-0.20	-1.60	
Sanchez, Christopher	-0.12	0.33	0.46	-0.05	-0.55	-0.45	1.31	1.19	1.41	-0.20	0.08	
Trevino, Robert	0.29	0.33	0.74	-0.45	-0.78	-0.59	0.33	0.00	0.28	0.85	0.08	
MAXIMUM	2.04	-2.11	1.72	2.25	2.27	1.55	1.31	-1.43	1.41	-1.76	-1.60	
MINIMUM	-0.04	-0.02	-0.10	0.05	0.00	-0.02	0.33	0.00	0.28	-0.20	0.08	
RANGE(MAX-MIN)	2.072	-2.089	1.824	2.200	2.267	1.564	0.974	-1.426	1.128	-1.560	-1.687	
MEAN	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	
N SIZE	15.000											

Lab Raters (Mar. 6-10, 2023)

Part ID= A7 - C13-STYLE

Rated Values

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

Rater	G1TOT	G2TOT	G3TOT	L1TOT	L2TOT	L3TOT	L4TOT	TGF	2ndGF	TLHC	AGF
Andiloro, Marcello	53.04	12.50	3.60	21.37	40.53	3.92	2.16	40.00	2.00	8.00	33.00
Austin, Philip	42.51	10.95	2.70	17.87	32.88	4.47	1.35	46.00	4.00	16.00	30.00
Barrera, Tony	46.85	12.51	3.16	18.64	38.90	3.62	1.94	52.00	2.00	7.00	42.00
Burk, Stephen	42.50	13.57	3.45	19.95	35.93	4.72	2.10	36.60	2.80	8.00	28.60
Chalkley Jr, Gerald	34.75	12.52	2.55	21.37	37.50	4.30	1.94	25.00	3.00	8.00	26.00
DeCapite, Vanessa	35.40	14.02	2.10	21.91	50.15	4.51	1.80	43.00	2.00	10.00	37.00
Dominguez, Lucio	45.92	11.89	3.60	19.50	39.62	4.58	2.22	40.00	3.00	5.00	32.00
Lonsway, Chris	30.00	10.92	2.85	14.13	39.21	3.80	1.50	45.00	2.00	4.00	23.00
Lopez, Frank	32.95	13.57	3.00	23.48	33.86	4.58	2.26	28.00	2.00	7.00	34.00
Moore, Sean	36.76	14.09	3.00	19.95	43.97	4.93	1.50	33.00	3.00	8.00	25.00
Ragsdale, Kirt	35.21	10.76	2.50	18.22	40.21	4.55	2.82	24.00	3.00	9.00	34.00
Rodriguez, Jesus (Jesse)	43.18	11.38	5.86	17.32	36.61	4.82	5.79	48.00	2.00	6.00	35.00
Sanchez, Arthur	43.60	11.32	3.46	19.26	38.29	6.29	1.74	4.00	3.00	9.00	29.00
Sanchez, Christopher	43.72	10.74	2.85	19.33	35.86	4.41	2.76	48.00	3.00	7.00	30.00
Trevino, Robert	42.89	11.34	2.85	17.68	37.38	4.78	2.88	48.00	2.00	6.00	33.00
MAXIMUM	46.85	14.02	3.60	23.48	50.15	6.29	2.88	52.00	3.00	10.00	42.00
MINIMUM	32.95	10.74	2.10	17.68	33.86	3.62	1.74	4.00	2.00	5.00	29.00
RANGE(MAX-MIN)	13.900	3.280	1.500	5.800	16.290	2.670	1.140	48.000	1.000	5.000	13.000
MEAN	40.818	12.019	2.940	19.753	39.284	4.665	2.303	35.875	2.500	7.500	33.875
STANDARD DEVIATION	5.419	1.244	0.489	1.961	4.854	0.743	0.466	16.217	0.535	1.690	4.121
N SIZE	15.000										

Part ID= A7 - C13-STYLE

A7 YI Values

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

Rater	G1TOT	G2TOT	G3TOT	L1TOT	L2TOT	L3TOT	L4TOT	TGF	2ndGF	TLHC	AGF
Andiloro, Marcello	2.26	0.39	1.35	0.82	0.26	-1.00	-0.31	0.25	-0.94	0.30	-0.21
Austin, Philip	0.31	-0.86	-0.49	-0.96	-1.32	-0.26	-2.04	0.62	2.81	5.03	-0.94
Barrera, Tony	1.11	0.39	0.45	-0.57	-0.08	-1.41	-0.78	0.99	-0.94	-0.30	1.97
Burk, Stephen	0.31	1.25	1.04	0.10	-0.69	0.07	-0.43	0.04	0.56	0.30	-1.28
Chalkley Jr, Gerald	-1.12	0.40	-0.80	0.82	-0.37	-0.49	-0.78	-0.67	0.94	0.30	-1.91
DeCapite, Vanessa	-1.00	1.61	-1.72	1.10	2.24	-0.21	-1.08	0.44	-0.94	1.48	0.76
Dominguez, Lucio	0.94	-0.10	1.35	-0.13	0.07	-0.11	-0.18	0.25	0.94	-1.48	-0.46
Lonsway, Chris	-2.00	-0.88	-0.18	-2.87	-0.02	-1.16	-1.72	0.56	-0.94	-2.07	-2.64
Lopez, Frank	-1.45	1.25	0.12	1.90	-1.12	-0.11	-0.09	-0.49	-0.94	-0.30	0.03
Moore, Sean	-0.75	1.66	0.12	0.10	0.97	0.36	-1.72	-0.18	0.94	0.30	-2.15
Ragsdale, Kirt	-1.03	-1.01	-0.90	-0.78	0.19	-0.15	1.11	-0.73	0.94	0.89	0.03
Rodriguez, Jesus (Jesse)	0.44	-0.51	5.97	-1.24	-0.55	0.21	7.49	0.75	-0.94	-0.89	0.27
Sanchez, Arthur	0.51	-0.56	1.06	-0.25	-0.20	2.19	-1.21	-1.97	0.94	0.89	-1.18
Sanchez, Christopher	0.54	-1.03	-0.18	-0.22	-0.71	-0.34	0.98	0.75	0.94	-0.30	-0.94
Trevino, Robert	0.38	-0.55	-0.18	-1.06	-0.39	0.15	1.24	0.75	-0.94	-0.89	-0.21
MAXIMUM	-1.45	1.61	-1.72	1.90	2.24	2.19	1.24	-1.97	-0.94	1.48	1.97
MINIMUM	0.38	-0.10	0.12	-0.13	0.07	-0.11	-0.09	0.25	-0.94	-0.30	0.03
RANGE(MAX-MIN)	-1.834	1.712	-1.841	2.030	2.169	2.302	1.331	-2.220	0.000	1.775	1.941
MEAN	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
N SIZE	15.000										

Lab Raters (Mar. 6-10, 2023)

Part ID= A8 - C13-STYLE

Rated Values

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

Rater	UCTOT	
Aguirre, Nancy P	1.50	
Andiloro, Marcello	1.50	
Austin, Philip	1.50	
Barrera, Tony	1.50	
Burk, Stephen	1.50	
Chalkley Jr, Gerald	1.50	
DeCapite, Vanessa	1.50	
Dominguez, Lucio	1.50	
Lonsway, Chris	1.50	
Lopez, Frank	1.50	
Moore, Sean	1.50	
Ragsdale, Kirt	1.50	
Sanchez, Arthur	1.50	
Sanchez, Christopher	1.50	
Trevino, Robert	1.50	
MAXIMUM	1.50	
MINIMUM	1.50	
RANGE(MAX-MIN)	0.000	
MEAN	1.500	
STANDARD DEVIATION	0.100	
N SIZE	15.000	

Part ID= A8 - C13-STYLE

A8 YI Values

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

Rater	UCTOT	
Aguirre, Nancy P	0.00	
Andiloro, Marcello	0.00	
Austin, Philip	0.00	
Barrera, Tony	0.00	
Burk, Stephen	0.00	
Chalkley Jr, Gerald	0.00	
DeCapite, Vanessa	0.00	
Dominguez, Lucio	0.00	
Lonsway, Chris	0.00	
Lopez, Frank	0.00	
Moore, Sean	0.00	
Ragsdale, Kirt	0.00	
Sanchez, Arthur	0.00	
Sanchez, Christopher	0.00	
Trevino, Robert	0.00	
MAXIMUM	0.00	
MINIMUM	0.00	
RANGE(MAX-MIN)	0.000	
MEAN	0.000	
STANDARD DEVIATION	0.100	
N SIZE	15.000	

Lab Raters (Mar. 6-10, 2023)

Part ID= B1 - SEQUENCE IIIH PISTON

Rated Values

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

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	FRTOT	RRTOT
Aguirre, Nancy P	1.45	0.75	9.89	1.24	0.87	9.90	9.90
Allen, Duane	1.58	0.75	9.82	1.12	0.80	9.80	9.80
Andiloro, Marcello	1.49	0.73	9.89	1.04	0.79	9.89	9.88
Austin, Philip	1.46	0.65	9.80	1.05	0.93	9.90	9.90
Barrera, Tony	1.24	0.75	9.90	0.95	0.87	9.98	9.98
Burk, Stephen	1.28	0.75	9.90	1.19	0.80	9.90	9.90
Cales, Jonathon	1.36	0.75	9.90	1.05	0.83	9.90	9.90
Caproni, David	1.40	0.75	9.90	1.34	0.81	9.90	9.90
Chalkley Jr, Gerald	1.46	0.73	9.90	1.11	0.84	9.90	9.90
DeCapite, Vanessa	1.13	0.75	9.90	1.09	0.87	9.92	9.92
Dominguez, Lucio	1.27	0.75	9.90	0.98	0.80	9.89	9.89
Lonsway, Chris	1.19	0.75	9.90	1.10	0.90	9.90	9.90
Lopez, Frank	1.46	0.74	9.90	0.93	0.79	9.90	9.90
Moore, Sean	1.36	0.75	9.85	1.17	0.89	9.88	9.88
Ragsdale, Kirt	1.12	0.75	9.90	1.31	1.10	9.90	9.90
Rodriguez, Jesus (Jesse)	1.39	0.75	9.90	0.85	0.81	9.90	9.90
Sanchez, Arthur	1.34	0.75	9.87	0.75	0.84	9.90	9.90
Sanchez, Christopher	1.24	0.75	9.90	1.05	0.88	9.90	9.90
Trevino, Robert	1.24	0.75	9.94	1.20	0.86	9.96	9.94
MAXIMUM	1.46	0.75	9.94	1.31	1.10	9.98	9.98
MINIMUM	1.12	0.74	9.87	0.75	0.79	9.89	9.89
RANGE(MAX-MIN)	0.340	0.010	0.070	0.560	0.310	0.090	0.090
MEAN	1.277	0.749	9.900	1.056	0.876	9.917	9.914
STANDARD DEVIATION	0.121	0.100	0.100	0.176	0.100	0.100	0.100
N SIZE	19.000						

Part ID= B1 - SEQUENCE IIIH PISTON

B1 YI Values

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

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	FRTOT	RRTOT
Aguirre, Nancy P	1.43	0.01	-0.10	1.05	-0.06	-0.17	-0.14
Allen, Duane	2.50	0.01	-0.80	0.37	-0.76	-1.17	-1.14
Andiloro, Marcello	1.76	-0.19	-0.10	-0.09	-0.86	-0.27	-0.34
Austin, Philip	1.51	-0.99	-1.00	-0.03	0.54	-0.17	-0.14
Barrera, Tony	-0.30	0.01	0.00	-0.60	-0.06	0.63	0.66
Burk, Stephen	0.03	0.01	0.00	0.77	-0.76	-0.17	-0.14
Cales, Jonathon	0.69	0.01	0.00	-0.03	-0.46	-0.17	-0.14
Caproni, David	1.02	0.01	0.00	1.62	-0.66	-0.17	-0.14
Chalkley Jr, Gerald	1.51	-0.19	0.00	0.31	-0.36	-0.17	-0.14
DeCapite, Vanessa	-1.21	0.01	0.00	0.20	-0.06	0.03	0.06
Dominguez, Lucio	-0.05	0.01	0.00	-0.43	-0.76	-0.27	-0.24
Lonsway, Chris	-0.71	0.01	0.00	0.25	0.24	-0.17	-0.14
Lopez, Frank	1.51	-0.09	0.00	-0.71	-0.86	-0.17	-0.14
Moore, Sean	0.69	0.01	-0.50	0.65	0.14	-0.37	-0.34
Ragsdale, Kirt	-1.29	0.01	0.00	1.45	2.24	-0.17	-0.14
Rodriguez, Jesus (Jesse)	0.93	0.01	0.00	-1.17	-0.66	-0.17	-0.14
Sanchez, Arthur	0.52	0.01	-0.30	-1.74	-0.36	-0.17	-0.14
Sanchez, Christopher	-0.30	0.01	0.00	-0.03	0.04	-0.17	-0.14
Trevino, Robert	-0.30	0.01	0.40	0.82	-0.16	0.43	0.26
MAXIMUM	1.51	-0.09	0.40	-1.74	2.24	0.63	0.66
MINIMUM	-0.05	0.01	0.00	-0.03	0.04	0.03	0.06
RANGE(MAX-MIN)	1.566	-0.100	0.400	-1.708	2.200	0.600	0.600
MEAN	0.000	0.000	0.000	0.000	0.000	0.000	0.000
STANDARD DEVIATION	1.000	0.100	0.180	1.000	0.902	0.316	0.288
N SIZE	19.000						

Lab Raters (Mar. 6-10, 2023)

Part ID= B2 - SEQUENCE IIIH PISTON

Rated Values

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

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	FRTOT	RRTOT
Aguirre, Nancy P	1.24	0.75	9.76	1.89	1.85	9.90	9.90
Allen, Duane	1.58	0.81	9.82	1.69	2.28	9.90	9.90
Andiloro, Marcello	1.22	0.75	9.86	1.73	1.69	9.90	9.90
Austin, Philip	1.33	0.80	9.80	1.48	2.64	9.90	9.90
Barrera, Tony	1.18	0.75	9.90	1.53	1.90	9.95	9.95
Burk, Stephen	1.42	0.75	9.90	1.64	2.01	9.90	9.90
Cales, Jonathon	1.31	0.75	9.90	1.82	2.02	9.90	9.90
Caproni, David	1.08	0.75	9.90	1.49	1.88	9.90	9.90
Chalkley Jr, Gerald	1.32	0.75	9.82	1.85	1.99	9.90	9.90
DeCapite, Vanessa	1.10	0.75	9.90	1.46	1.44	9.92	9.92
Dominguez, Lucio	1.11	0.75	9.90	1.19	1.65	9.88	9.89
Lonsway, Chris	1.17	0.75	9.90	1.25	1.72	9.90	9.90
Lopez, Frank	1.46	0.72	9.90	1.18	1.49	9.90	9.90
Moore, Sean	1.20	0.78	9.85	1.34	1.79	9.89	9.85
Ragsdale, Kirt	1.18	0.79	9.90	1.52	2.42	9.90	9.90
Rodriguez, Jesus (Jesse)	1.32	0.75	9.85	1.27	1.56	9.90	9.90
Sanchez, Arthur	1.36	0.75	9.90	1.72	1.63	9.90	9.90
Sanchez, Christopher	1.17	0.75	9.90	1.61	1.97	9.90	9.90
Trevino, Robert	1.14	0.75	9.94	1.77	1.90	9.96	9.94
MAXIMUM	1.46	0.79	9.94	1.89	2.42	9.96	9.95
MINIMUM	1.10	0.72	9.76	1.18	1.44	9.88	9.89
RANGE(MAX-MIN)	0.360	0.070	0.180	0.710	0.980	0.080	0.060
MEAN	1.216	0.751	9.889	1.541	1.806	9.912	9.911
STANDARD DEVIATION	0.120	0.100	0.100	0.243	0.298	0.100	0.100
N SIZE	19.000						

Part ID= B2 - SEQUENCE IIIH PISTON

B2 YI Values

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

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	FRTOT	RRTOT
Aguirre, Nancy P	0.20	-0.01	-1.29	1.44	0.15	-0.12	-0.11
Allen, Duane	3.03	0.59	-0.69	0.61	1.59	-0.12	-0.11
Andiloro, Marcello	0.04	-0.01	-0.29	0.78	-0.39	-0.12	-0.11
Austin, Philip	0.95	0.49	-0.89	-0.25	2.80	-0.12	-0.11
Barrera, Tony	-0.30	-0.01	0.11	-0.05	0.32	0.38	0.39
Burk, Stephen	1.70	-0.01	0.11	0.41	0.69	-0.12	-0.11
Cales, Jonathon	0.78	-0.01	0.11	1.15	0.72	-0.12	-0.11
Caproni, David	-1.13	-0.01	0.11	-0.21	0.25	-0.12	-0.11
Chalkley Jr, Gerald	0.87	-0.01	-0.69	1.27	0.62	-0.12	-0.11
DeCapite, Vanessa	-0.96	-0.01	0.11	-0.33	-1.22	0.08	0.09
Dominguez, Lucio	-0.88	-0.01	0.11	-1.45	-0.52	-0.32	-0.21
Lonsway, Chris	-0.38	-0.01	0.11	-1.20	-0.29	-0.12	-0.11
Lopez, Frank	2.03	-0.31	0.11	-1.49	-1.06	-0.12	-0.11
Moore, Sean	-0.13	0.29	-0.39	-0.83	-0.05	-0.22	-0.61
Ragsdale, Kirt	-0.30	0.39	0.11	-0.09	2.06	-0.12	-0.11
Rodriguez, Jesus (Jesse)	0.87	-0.01	-0.39	-1.12	-0.82	-0.12	-0.11
Sanchez, Arthur	1.20	-0.01	0.11	0.74	-0.59	-0.12	-0.11
Sanchez, Christopher	-0.38	-0.01	0.11	0.28	0.55	-0.12	-0.11
Trevino, Robert	-0.63	-0.01	0.51	0.94	0.32	0.48	0.29
MAXIMUM	2.03	0.39	-1.29	-1.49	2.06	0.48	0.39
MINIMUM	0.20	-0.01	0.11	-0.05	0.15	0.08	0.09
RANGE(MAX-MIN)	1.827	0.400	-1.400	-1.441	1.910	0.400	0.300
MEAN	0.000	0.000	0.000	0.000	0.000	0.000	0.000
STANDARD DEVIATION	1.000	0.176	0.501	1.000	1.000	0.264	0.209
N SIZE	19.000						

Lab Raters (Mar. 6-10, 2023)

Part ID= B3 - SEQUENCE IIIH PISTON

Rated Values

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

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	FRTOT	RRTOT
Aguirre, Nancy P	2.07	0.78	9.83	1.67	2.67	9.90	9.90
Allen, Duane	2.14	0.80	9.90	1.63	2.93	9.90	9.90
Andiloro, Marcello	1.73	0.77	9.83	1.54	2.11	9.89	9.89
Austin, Philip	2.19	0.85	9.80	1.56	3.14	9.90	9.90
Barrera, Tony	1.83	0.75	9.90	1.64	2.72	9.96	9.96
Burk, Stephen	2.13	0.68	9.90	1.54	2.60	9.90	9.90
Cales, Jonathon	2.43	0.75	9.86	1.40	2.50	9.90	9.90
Caproni, David	1.72	0.75	9.90	1.76	2.38	9.90	9.90
Chalkley Jr, Gerald	1.94	0.75	9.90	1.72	2.83	9.90	9.90
DeCapite, Vanessa	1.90	0.75	9.90	1.45	2.05	9.92	9.92
Dominguez, Lucio	1.74	0.78	9.87	1.24	2.51	9.89	9.88
Lonsway, Chris	1.98	0.75	9.90	1.43	2.46	9.90	9.90
Lopez, Frank	2.25	0.75	9.90	1.36	2.32	9.89	9.90
Moore, Sean	2.08	0.75	9.75	1.50	2.76	9.88	9.88
Ragsdale, Kirt	2.00	0.84	9.90	1.55	2.73	9.90	9.90
Rodriguez, Jesus (Jesse)	1.34	0.77	9.85	1.48	2.38	9.90	9.90
Sanchez, Arthur	1.86	0.75	9.90	1.47	3.11	9.90	9.90
Sanchez, Christopher	1.82	0.75	9.89	1.48	2.57	9.90	9.90
Trevino, Robert	1.63	0.75	9.92	1.52	2.55	9.90	9.90
MAXIMUM	2.25	0.84	9.92	1.67	3.11	9.96	9.96
MINIMUM	1.63	0.75	9.83	1.24	2.05	9.89	9.88
RANGE(MAX-MIN)	0.620	0.090	0.090	0.430	1.060	0.070	0.080
MEAN	1.900	0.767	9.890	1.487	2.581	9.907	9.907
STANDARD DEVIATION	0.185	0.100	0.100	0.133	0.293	0.100	0.100
N SIZE	19.000						

Part ID= B3 - SEQUENCE IIIH PISTON

B3 YI Values

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

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	FRTOT	RRTOT
Aguirre, Nancy P	0.92	0.13	-0.60	1.38	0.30	-0.07	-0.07
Allen, Duane	1.30	0.33	0.10	1.08	1.19	-0.07	-0.07
Andiloro, Marcello	-0.92	0.03	-0.60	0.40	-1.61	-0.17	-0.17
Austin, Philip	1.57	0.83	-0.90	0.55	1.91	-0.07	-0.07
Barrera, Tony	-0.38	-0.17	0.10	1.16	0.47	0.53	0.53
Burk, Stephen	1.25	-0.87	0.10	0.40	0.06	-0.07	-0.07
Cales, Jonathon	2.87	-0.17	-0.30	-0.65	-0.28	-0.07	-0.07
Caproni, David	-0.97	-0.17	0.10	2.06	-0.69	-0.07	-0.07
Chalkley Jr, Gerald	0.22	-0.17	0.10	1.76	0.85	-0.07	-0.07
DeCapite, Vanessa	0.00	-0.17	0.10	-0.28	-1.81	0.13	0.13
Dominguez, Lucio	-0.87	0.13	-0.20	-1.86	-0.24	-0.17	-0.27
Lonsway, Chris	0.43	-0.17	0.10	-0.43	-0.41	-0.07	-0.07
Lopez, Frank	1.90	-0.17	0.10	-0.95	-0.89	-0.17	-0.07
Moore, Sean	0.97	-0.17	-1.40	0.10	0.61	-0.27	-0.27
Ragsdale, Kirt	0.54	0.73	0.10	0.48	0.51	-0.07	-0.07
Rodriguez, Jesus (Jesse)	-3.20	0.03	-0.40	-0.05	-0.69	-0.07	-0.07
Sanchez, Arthur	-0.22	-0.17	0.10	-0.13	1.81	-0.07	-0.07
Sanchez, Christopher	-0.43	-0.17	0.00	-0.05	-0.04	-0.07	-0.07
Trevino, Robert	-1.46	-0.17	0.30	0.25	-0.11	-0.07	-0.07
MAXIMUM	1.90	0.73	-0.60	-1.86	-1.81	0.53	0.53
MINIMUM	0.00	0.13	0.00	-0.05	-0.04	-0.07	-0.07
RANGE(MAX-MIN)	1.895	0.600	-0.600	-1.809	-1.776	0.600	0.600
MEAN	0.000	0.000	0.000	0.000	0.000	0.000	0.000
STANDARD DEVIATION	1.000	0.304	0.260	1.000	1.000	0.218	0.224
N SIZE	19.000						

Lab Raters (Mar. 6-10, 2023)

Part ID= B4 - SEQUENCE IIIH PISTON

Rated Values

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

Rater	UCTOT	
Aguirre, Nancy P	7.36	
Allen, Duane	6.90	
Andiloro, Marcello	7.48	
Austin, Philip	7.42	
Barrera, Tony	7.69	
Burk, Stephen	7.47	
Cales, Jonathon	7.02	
Caproni, David	7.58	
Chalkley Jr, Gerald	7.29	
DeCapite, Vanessa	7.27	
Dominguez, Lucio	7.46	
Lonsway, Chris	7.38	
Lopez, Frank	7.44	
Moore, Sean	7.56	
Ragsdale, Kirt	7.20	
Rodriguez, Jesus (Jesse)	7.50	
Sanchez, Arthur	7.40	
Sanchez, Christopher	7.35	
Trevino, Robert	7.22	
MAXIMUM	7.69	
MINIMUM	7.20	
RANGE(MAX-MIN)	0.490	
MEAN	7.377	
STANDARD DEVIATION	0.149	
N SIZE	19.000	

Part ID= B4 - SEQUENCE IIIH PISTON

B4 YI Values

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

Rater	UCTOT	
Aguirre, Nancy P	-0.11	
Allen, Duane	-3.20	
Andiloro, Marcello	0.69	
Austin, Philip	0.29	
Barrera, Tony	2.10	
Burk, Stephen	0.63	
Cales, Jonathon	-2.39	
Caproni, David	1.36	
Chalkley Jr, Gerald	-0.58	
DeCapite, Vanessa	-0.72	
Dominguez, Lucio	0.56	
Lonsway, Chris	0.02	
Lopez, Frank	0.42	
Moore, Sean	1.23	
Ragsdale, Kirt	-1.19	
Rodriguez, Jesus (Jesse)	0.83	
Sanchez, Arthur	0.16	
Sanchez, Christopher	-0.18	
Trevino, Robert	-1.05	
MAXIMUM	2.10	
MINIMUM	-0.11	
RANGE(MAX-MIN)	2.214	
MEAN	0.000	
STANDARD DEVIATION	1.000	
N SIZE	19.000	

Lab Raters (Mar. 6-10, 2023)

Part ID= B5 - GMOD PISTON

Rated Values

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

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	THTOT	ATTOT
Aguirre, Nancy P	1.29	0.98	9.66	1.39	8.47	9.67	9.73
Allen, Duane	1.16	0.96	9.66	1.51	8.50	9.86	9.85
Andiloro, Marcello	1.14	0.82	9.65	1.21	8.61	9.68	9.81
Austin, Philip	1.35	0.87	9.69	1.47	8.52	9.63	9.73
Barrera, Tony	1.16	0.83	9.75	1.49	8.55	9.80	9.79
Burk, Stephen	1.16	0.81	9.70	1.29	8.44	9.84	9.84
Cales, Jonathon	1.24	1.01	9.87	1.39	8.60	9.72	9.81
Caproni, David	1.29	1.03	9.80	1.41	8.67	9.80	9.85
Chalkley Jr, Gerald	1.15	0.88	9.76	1.39	8.54	9.86	9.85
DeCapite, Vanessa	1.09	0.84	9.65	1.59	8.56	9.85	9.89
Dominguez, Lucio	1.26	0.88	9.52	1.30	8.42	9.75	9.78
Lonsway, Chris	1.10	0.82	9.81	1.38	8.57	9.67	9.80
Lopez, Frank	1.01	0.77	9.72	1.20	8.72	9.85	9.86
Moore, Sean	1.22	0.82	9.55	1.61	8.68	9.70	9.79
Ragsdale, Kirt	1.23	0.91	9.57	1.27	8.71	9.75	9.65
Rodriguez, Jesus (Jesse)	1.09	0.88	9.75	1.42	8.69	9.80	9.83
Sanchez, Arthur	1.23	0.88	9.88	1.21	8.87	9.88	9.88
Sanchez, Christopher	1.20	0.91	9.66	1.45	8.69	9.83	9.90
Trevino, Robert	1.31	1.11	9.70	1.26	8.66	9.90	9.92
MAXIMUM	1.31	1.11	9.88	1.59	8.87	9.90	9.92
MINIMUM	1.01	0.77	9.52	1.20	8.42	9.67	9.65
RANGE(MAX-MIN)	0.300	0.340	0.360	0.390	0.450	0.230	0.270
MEAN	1.198	0.901	9.679	1.351	8.628	9.809	9.822
STANDARD DEVIATION	0.100	0.100	0.104	0.136	0.140	0.100	0.100
N SIZE	19,000						

Part ID= B5 - GMOD PISTON

B5 YI Values

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

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	THTOT	ATTOT
Aguirre, Nancy P	0.92	0.79	-0.18	0.29	-1.12	-1.39	-0.92
Allen, Duane	-0.38	0.59	-0.18	1.17	-0.91	0.51	0.28
Andiloro, Marcello	-0.58	-0.81	-0.28	-1.04	-0.13	-1.29	-0.12
Austin, Philip	1.52	-0.31	0.11	0.87	-0.77	-1.79	-0.92
Barrera, Tony	-0.38	-0.71	0.68	1.02	-0.55	-0.09	-0.32
Burk, Stephen	-0.38	-0.91	0.20	-0.45	-1.34	0.31	0.18
Cales, Jonathon	0.42	1.09	1.84	0.29	-0.20	-0.89	-0.12
Caproni, David	0.92	1.29	1.17	0.43	0.30	-0.09	0.28
Chalkley Jr, Gerald	-0.48	-0.21	0.78	0.29	-0.63	0.51	0.28
DeCapite, Vanessa	-1.08	-0.61	-0.28	1.76	-0.48	0.41	0.68
Dominguez, Lucio	0.62	-0.21	-1.53	-0.38	-1.48	-0.59	-0.42
Lonsway, Chris	-0.98	-0.81	1.26	0.21	-0.41	-1.39	-0.22
Lopez, Frank	-1.88	-1.31	0.40	-1.11	0.66	0.41	0.38
Moore, Sean	0.22	-0.81	-1.24	1.90	0.37	-1.09	-0.32
Ragsdale, Kirt	0.32	0.09	-1.05	-0.60	0.59	-0.59	-1.72
Rodriguez, Jesus (Jesse)	-1.08	-0.21	0.68	0.51	0.44	-0.09	0.08
Sanchez, Arthur	0.32	-0.21	1.94	-1.04	1.73	0.71	0.58
Sanchez, Christopher	0.02	0.09	-0.18	0.73	0.44	0.21	0.78
Trevino, Robert	1.12	2.09	0.20	-0.67	0.23	0.91	0.98
MAXIMUM	-1.88	2.09	1.94	1.76	1.73	-1.39	-1.72
MINIMUM	0.02	0.09	-0.18	0.29	0.23	-0.09	-0.32
RANGE(MAX-MIN)	-1.900	2.000	2.118	1.471	1.496	-1.300	-1.400
MEAN	0.000	0.000	0.000	0.000	0.000	0.000	0.000
STANDARD DEVIATION	0.971	0.980	1.000	1.000	1.000	0.737	0.908
N SIZE	19,000						

Lab Raters (Mar. 6-10, 2023)

Part ID= B6 - GMOD PISTON

Rated Values

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

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	THTOT	ATTOT
Aguirre, Nancy P	1.05	5.88	9.75	0.75	8.80	9.88	9.86
Allen, Duane	1.10	6.18	9.70	0.75	8.79	9.89	9.88
Andiloro, Marcello	1.07	6.32	9.85	0.75	8.79	9.88	9.88
Austin, Philip	1.18	6.25	9.77	0.73	8.64	9.77	9.77
Barrera, Tony	1.04	6.08	9.89	0.77	8.77	9.88	9.88
Burk, Stephen	1.02	6.18	9.86	0.75	8.62	9.84	9.82
Cales, Jonathon	1.00	5.41	9.74	0.75	8.77	9.84	9.86
Caproni, David	0.88	6.55	9.90	0.75	9.02	9.80	9.85
Chalkley Jr, Gerald	1.11	6.42	9.80	0.75	8.76	9.87	9.87
DeCapite, Vanessa	1.04	5.40	9.78	0.75	8.71	9.90	9.92
Dominguez, Lucio	1.10	5.85	9.72	0.75	8.70	9.79	9.79
Lonsway, Chris	1.11	6.34	9.73	0.75	8.69	9.80	9.80
Lopez, Frank	1.03	5.93	9.90	0.75	8.77	9.80	9.90
Moore, Sean	1.05	6.11	9.84	0.75	8.82	9.79	9.86
Ragsdale, Kirt	1.11	6.35	9.68	0.75	8.69	9.85	9.85
Rodriguez, Jesus (Jesse)	1.16	5.47	9.58	0.75	8.77	9.89	9.89
Sanchez, Arthur	1.18	5.86	9.88	0.75	8.78	9.89	9.89
Sanchez, Christopher	1.10	6.03	9.80	0.75	8.60	9.90	9.92
Trevino, Robert	1.02	5.93	9.84	0.75	8.83	9.85	9.87
MAXIMUM	1.18	6.35	9.90	0.77	8.83	9.90	9.92
MINIMUM	1.02	5.40	9.68	0.75	8.60	9.79	9.79
RANGE(MAX-MIN)	0.160	0.950	0.220	0.020	0.230	0.110	0.130
MEAN	1.074	5.923	9.804	0.752	8.739	9.860	9.876
STANDARD DEVIATION	0.100	0.251	0.100	0.100	0.100	0.100	0.100
N SIZE	19,000						

Part ID= B6 - GMOD PISTON

B6 YI Values

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

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	THTOT	ATTOT
Aguirre, Nancy P	-0.24	-0.17	-0.54	-0.02	0.61	0.20	-0.16
Allen, Duane	0.26	1.02	-1.04	-0.02	0.51	0.30	0.04
Andiloro, Marcello	-0.04	1.58	0.46	-0.02	0.51	0.20	0.04
Austin, Philip	1.06	1.30	-0.34	-0.22	-0.99	-0.90	-1.06
Barrera, Tony	-0.34	0.62	0.86	0.18	0.31	0.20	0.04
Burk, Stephen	-0.54	1.02	0.56	-0.02	-1.19	-0.20	-0.56
Cales, Jonathon	-0.74	-2.05	-0.64	-0.02	0.31	-0.20	-0.16
Caproni, David	-1.94	2.50	0.96	-0.02	2.81	-0.60	-0.26
Chalkley Jr, Gerald	0.36	1.98	-0.04	-0.02	0.21	0.10	-0.06
DeCapite, Vanessa	-0.34	-2.09	-0.24	-0.02	-0.29	0.40	0.44
Dominguez, Lucio	0.26	-0.29	-0.84	-0.02	-0.39	-0.70	-0.86
Lonsway, Chris	0.36	1.66	-0.74	-0.02	-0.49	-0.60	-0.76
Lopez, Frank	-0.44	0.03	0.96	-0.02	0.31	-0.60	0.24
Moore, Sean	-0.24	0.74	0.36	-0.02	0.81	-0.70	-0.16
Ragsdale, Kirt	0.36	1.70	-1.24	-0.02	-0.49	-0.10	-0.26
Rodriguez, Jesus (Jesse)	0.86	-1.81	-2.24	-0.02	0.31	0.30	0.14
Sanchez, Arthur	1.06	-0.25	0.76	-0.02	0.41	0.30	0.14
Sanchez, Christopher	0.26	0.43	-0.04	-0.02	-1.39	0.40	0.44
Trevino, Robert	-0.54	0.03	0.36	-0.02	0.91	-0.10	-0.06
MAXIMUM	1.06	-2.09	-1.24	0.18	-1.39	-0.70	-0.86
MINIMUM	-0.24	0.03	-0.04	-0.02	-0.29	-0.10	0.04
RANGE(MAX-MIN)	1.300	-2.113	-1.200	0.200	-1.100	-0.600	-0.900
MEAN	0.000	0.000	0.000	0.000	0.000	0.000	0.000
STANDARD DEVIATION	0.520	1.000	0.788	0.100	0.704	0.412	0.403
N SIZE	19,000						

Lab Raters (Mar. 6-10, 2023)

Part ID= B7 - GMOD PISTON

Rated Values

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

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	THTOT	ATTOT
Allen, Duane	2.31	9.80	9.80	1.23	9.82	9.80	9.80
Andiloro, Marcello	2.79	9.79	9.79	1.19	9.86	9.89	9.89
Austin, Philip	2.60	9.80	9.65	1.34	9.76	9.78	9.80
Barrera, Tony	2.61	9.89	9.89	1.34	9.90	9.90	9.91
Burk, Stephen	2.79	9.90	9.90	1.27	9.90	9.90	9.90
Cales, Jonathon	2.72	9.84	9.88	1.20	9.89	9.90	9.90
Caproni, David	2.46	9.85	9.90	1.21	9.90	9.80	9.90
Chalkley Jr, Gerald	2.50	9.80	9.80	1.24	9.85	9.90	9.87
DeCapite, Vanessa	2.60	9.76	9.76	1.26	9.95	9.95	9.95
Dominguez, Lucio	2.64	9.87	9.80	1.07	9.89	9.80	9.80
Lonsway, Chris	2.84	9.80	9.90	1.17	9.90	9.90	9.90
Lopez, Frank	2.62	9.90	9.90	1.04	9.90	9.85	9.90
Moore, Sean	2.63	9.87	9.83	1.16	9.86	9.90	9.90
Ragsdale, Kirt	2.59	9.85	9.85	1.17	9.85	9.80	9.80
Sanchez, Arthur	2.74	9.90	9.86	1.28	9.90	9.89	9.90
Sanchez, Christopher	2.82	9.95	9.78	1.18	9.95	9.93	9.93
Trevino, Robert	2.59	9.96	9.80	0.97	9.94	9.94	9.96
MAXIMUM	2.82	9.96	9.90	1.34	9.95	9.95	9.96
MINIMUM	2.59	9.76	9.76	0.97	9.85	9.80	9.80
RANGE(MAX-MIN)	0.230	0.200	0.140	0.370	0.100	0.150	0.160
MEAN	2.651	9.885	9.830	1.164	9.910	9.883	9.894
STANDARD DEVIATION	0.100	0.100	0.100	0.129	0.100	0.100	0.100
N SIZE	17.000						

Part ID= B7 - GMOD PISTON

B7 YI Values

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

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	THTOT	ATTOT
Allen, Duane	-3.41	-0.85	-0.30	0.52	-0.90	-0.83	-0.94
Andiloro, Marcello	1.39	-0.95	-0.40	0.20	-0.50	0.08	-0.04
Austin, Philip	-0.51	-0.85	-1.80	1.37	-1.50	-1.03	-0.94
Barrera, Tony	-0.41	0.05	0.60	1.37	-0.10	0.18	0.16
Burk, Stephen	1.39	0.15	0.70	0.83	-0.10	0.18	0.06
Cales, Jonathon	0.69	-0.45	0.50	0.28	-0.20	0.18	0.06
Caproni, David	-1.91	-0.35	0.70	0.36	-0.10	-0.83	0.06
Chalkley Jr, Gerald	-1.51	-0.85	-0.30	0.59	-0.60	0.18	-0.24
DeCapite, Vanessa	-0.51	-1.25	-0.70	0.75	0.40	0.68	0.56
Dominguez, Lucio	-0.11	-0.15	-0.30	-0.73	-0.20	-0.83	-0.94
Lonsway, Chris	1.89	-0.85	0.70	0.05	-0.10	0.18	0.06
Lopez, Frank	-0.31	0.15	0.70	-0.96	-0.10	-0.33	0.06
Moore, Sean	-0.21	-0.15	0.00	-0.03	-0.50	0.18	0.06
Ragsdale, Kirt	-0.61	-0.35	0.20	0.05	-0.60	-0.83	-0.94
Sanchez, Arthur	0.89	0.15	0.30	0.90	-0.10	0.08	0.06
Sanchez, Christopher	1.69	0.65	-0.50	0.13	0.40	0.48	0.36
Trevino, Robert	-0.61	0.75	-0.30	-1.51	0.30	0.58	0.66
MAXIMUM	1.69	-1.25	-0.70	-1.51	-0.60	-0.83	-0.94
MINIMUM	-0.11	0.05	0.20	0.05	-0.10	0.08	0.06
RANGE(MAX-MIN)	1.800	-1.300	-0.900	-1.555	-0.500	-0.900	-1.000
MEAN	0.000	0.000	0.000	0.000	0.000	0.000	0.000
STANDARD DEVIATION	0.839	0.626	0.521	1.000	0.346	0.599	0.619
N SIZE	17.000						

Lab Raters (Mar. 6-10, 2023)

Part ID= B8 - GMOD PISTON

Rated Values

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

Rater	UCTOT	
Aguirre, Nancy P	4.28	
Allen, Duane	4.35	
Andiloro, Marcello	4.25	
Austin, Philip	4.35	
Barrera, Tony	4.31	
Burk, Stephen	4.27	
Cales, Jonathon	4.39	
Caproni, David	4.76	
Chalkley Jr, Gerald	4.25	
DeCapite, Vanessa	4.25	
Dominguez, Lucio	4.21	
Lonsway, Chris	4.34	
Lopez, Frank	4.30	
Moore, Sean	4.27	
Ragsdale, Kirt	4.24	
Sanchez, Arthur	4.43	
Sanchez, Christopher	4.30	
Trevino, Robert	4.30	
MAXIMUM	4.43	
MINIMUM	4.21	
RANGE(MAX-MIN)	0.220	
MEAN	4.291	
STANDARD DEVIATION	0.100	
N SIZE	18.000	

Part ID= B8 - GMOD PISTON

B8 YI Values

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

Rater	UCTOT	
Aguirre, Nancy P	-0.11	
Allen, Duane	0.59	
Andiloro, Marcello	-0.41	
Austin, Philip	0.59	
Barrera, Tony	0.19	
Burk, Stephen	-0.21	
Cales, Jonathon	0.99	
Caproni, David	4.59	
Chalkley Jr, Gerald	-0.41	
DeCapite, Vanessa	-0.41	
Dominguez, Lucio	-0.81	
Lonsway, Chris	0.49	
Lopez, Frank	0.09	
Moore, Sean	-0.21	
Ragsdale, Kirt	-0.51	
Sanchez, Arthur	1.39	
Sanchez, Christopher	0.09	
Trevino, Robert	0.09	
MAXIMUM	1.39	
MINIMUM	0.09	
RANGE(MAX-MIN)	1.300	
MEAN	0.000	
STANDARD DEVIATION	0.621	
N SIZE	18.000	

Lab Raters (Mar. 6-10, 2023)

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
Austin, Philip	15.00	8.25	3.00	4.50	35.50	21.50
Barrera, Tony	11.00	7.00	2.25	3.75	29.50	16.25
DeCapite, Vanessa	16.25	9.50	3.00	4.75	36.25	22.75
Dominguez, Lucio	14.50	10.50	3.25	4.25	35.25	23.75
Lonsway, Chris	13.75	7.25	2.75	4.50	39.50	25.75
Lopez, Frank	14.50	7.00	0.25	4.00	48.00	24.25
Ragsdale, Kirt	15.00	10.00	2.75	8.75	40.00	24.00
Sanchez, Christopher	12.25	7.00	2.50	4.50	44.00	22.50
Trevino, Robert	13.50	9.00	2.25	4.00	42.50	24.50
MAXIMUM	16.25	10.50	3.25	4.75	48.00	24.50
MINIMUM	11.00	7.00	0.25	3.75	29.50	16.25
RANGE(MAX-MIN)	5.250	3.500	3.000	1.000	18.500	8.250
MEAN	13.857	8.571	2.321	4.208	39.357	22.571
STANDARD DEVIATION	1.767	1.539	0.987	0.368	6.195	2.886
N SIZE	9.000					

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
Austin, Philip	0.65	-0.21	0.69	0.79	-0.62	-0.37
Barrera, Tony	-1.62	-1.02	-0.07	-1.25	-1.59	-2.19
DeCapite, Vanessa	1.35	0.60	0.69	1.47	-0.50	0.06
Dominguez, Lucio	0.36	1.25	0.94	0.11	-0.66	0.41
Lonsway, Chris	-0.06	-0.86	0.43	0.79	0.02	1.10
Lopez, Frank	0.36	-1.02	-2.10	-0.57	1.40	0.58
Ragsdale, Kirt	0.65	0.93	0.43	12.34	0.10	0.50
Sanchez, Christopher	-0.91	-1.02	0.18	0.79	0.75	-0.02
Trevino, Robert	-0.20	0.28	-0.07	-0.57	0.51	0.67
MAXIMUM	-1.62	1.25	-2.10	1.47	-1.59	-2.19
MINIMUM	-0.20	0.28	-0.07	0.11	0.10	-0.02
RANGE(MAX-MIN)	-1.415	0.975	-2.027	1.359	-1.695	-2.166
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					

Lab Raters (Mar. 6-10, 2023)

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	
Austin, Philip	20.25	48.50	24.00	29.50	48.25	50.25	
Barrera, Tony	14.25	44.00	16.50	25.25	40.25	48.25	
Chalkley Jr, Gerald	18.75	45.00	16.50	25.50	39.25	46.75	
DeCapite, Vanessa	20.25	59.50	31.25	44.50	54.75	42.75	
Dominguez, Lucio	21.50	57.00	26.25	32.00	53.50	56.25	
Lopez, Frank	16.00	41.75	19.00	26.25	35.75	50.50	
Ragsdale, Kirt	20.00	57.00	23.75	31.75	41.25	49.75	
Sanchez, Christopher	16.25	47.25	23.00	27.25	43.00	52.75	
Trevino, Robert	25.50	52.50	27.00	32.00	42.00	45.75	
MAXIMUM	25.50	59.50	31.25	44.50	54.75	56.25	
MINIMUM	14.25	41.75	16.50	25.25	35.75	42.75	
RANGE(MAX-MIN)	11.250	17.750	14.750	19.250	19.000	13.500	
MEAN	19.107	51.286	23.821	31.286	44.357	49.429	
STANDARD DEVIATION	3.875	7.007	4.979	6.505	7.066	4.441	
N SIZE	9.000						

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

K1-6 Yi Values

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

Rater	R1DEME	R2DEME	R3DEME	R4DEME	R5DEME	R6DEME	
Austin, Philip	0.29	-0.40	0.04	-0.27	0.55	0.19	
Barrera, Tony	-1.25	-1.04	-1.47	-0.93	-0.58	-0.27	
Chalkley Jr, Gerald	-0.09	-0.90	-1.47	-0.89	-0.72	-0.60	
DeCapite, Vanessa	0.29	1.17	1.49	2.03	1.47	-1.50	
Dominguez, Lucio	0.62	0.82	0.49	0.11	1.29	1.54	
Lopez, Frank	-0.80	-1.36	-0.97	-0.77	-1.22	0.24	
Ragsdale, Kirt	0.23	0.82	-0.01	0.07	-0.44	0.07	
Sanchez, Christopher	-0.74	-0.58	-0.17	-0.62	-0.19	0.75	
Trevino, Robert	1.65	0.17	0.64	0.11	-0.33	-0.83	
MAXIMUM	1.65	-1.36	1.49	2.03	1.47	1.54	
MINIMUM	0.23	0.17	-0.01	0.07	-0.19	0.07	
RANGE(MAX-MIN)	1.419	-1.534	1.506	1.960	1.663	1.464	
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						

Lab Raters (Mar. 6-10, 2023)

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
Austin, Philip	59.50	56.50	50.75	44.50	42.25	27.25
Barrera, Tony	58.00	50.25	32.00	35.75	35.75	26.00
DeCapite, Vanessa	69.00	59.00	51.75	62.50	39.25	30.25
Dominguez, Lucio	65.75	49.25	49.25	48.25	32.50	25.25
Lonsway, Chris	60.75	58.50	53.75	51.25	36.50	26.25
Lopez, Frank	62.75	54.75	42.25	39.50	19.50	26.50
Ragsdale, Kirt	65.25	54.00	37.25	39.75	20.00	23.25
Sanchez, Christopher	64.50	55.50	40.75	42.00	20.25	25.00
Trevino, Robert	62.00	53.75	41.50	45.50	28.00	27.00
MAXIMUM	69.00	59.00	51.75	62.50	39.25	30.25
MINIMUM	58.00	49.25	32.00	35.75	19.50	23.25
RANGE(MAX-MIN)	11.000	9.750	19.750	26.750	19.750	7.000
MEAN	63.893	53.786	42.107	44.750	27.893	26.179
STANDARD DEVIATION	3.449	3.271	6.733	8.841	8.197	2.168
N SIZE	9.000					

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
Austin, Philip	-1.27	0.83	1.28	-0.03	1.75	0.49
Barrera, Tony	-1.71	-1.08	-1.50	-1.02	0.96	-0.08
DeCapite, Vanessa	1.48	1.59	1.43	2.01	1.39	1.88
Dominguez, Lucio	0.54	-1.39	1.06	0.40	0.56	-0.43
Lonsway, Chris	-0.91	1.44	1.73	0.74	1.05	0.03
Lopez, Frank	-0.33	0.29	0.02	-0.59	-1.02	0.15
Ragsdale, Kirt	0.39	0.07	-0.72	-0.57	-0.96	-1.35
Sanchez, Christopher	0.18	0.52	-0.20	-0.31	-0.93	-0.54
Trevino, Robert	-0.55	-0.01	-0.09	0.08	0.01	0.38
MAXIMUM	-1.71	1.59	-1.50	2.01	1.39	1.88
MINIMUM	0.18	-0.01	0.02	0.08	0.01	-0.08
RANGE(MAX-MIN)	-1.885	1.605	-1.522	1.923	1.373	1.960
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					

Lab Raters (Mar. 6-10, 2023)

Part ID= Q1-8 - SEQ. VH PISTONS

Rated Values

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

Rater	P1MERI	P2MERI	P3MERI	P4MERI	P5MERI	P6MERI	P7MERI	P8MERI	
Aguirre, Nancy P	9.35	9.52	9.61	9.14	9.59	9.21	9.40	9.24	
Allen, Duane	9.38	9.23	9.33	9.02	9.52	8.95	9.28	9.15	
Austin, Philip	9.39	9.53	9.59	9.27	9.55	9.28	9.22	9.46	
Barrera, Tony	9.41	9.47	9.50	9.20	9.73	9.25	9.38	9.30	
Cales, Jonathon	9.52	9.20	9.24	9.10	9.30	9.08	9.26	9.28	
Caproni, David	9.60	9.30	9.22	9.10	9.35	9.07	9.22	9.25	
Chalkley Jr, Gerald	9.10	9.15	9.23	9.13	9.33	9.06	9.23	9.25	
DeCapite, Vanessa	9.40	9.46	9.51	9.19	9.56	9.00	9.27	9.28	
Dominguez, Lucio	9.36	9.43	9.31	9.95	9.52	9.17	9.14	9.19	
Lonsway, Chris	9.40	9.53	9.57	9.14	9.59	9.24	9.26	9.48	
Lopez, Frank	9.43	9.54	9.53	8.85	9.63	9.22	9.20	9.26	
Ragsdale, Kirt	9.26	9.22	9.28	8.87	9.51	8.88	9.01	9.09	
Rodriguez, Jesus (Jesse)	9.39	9.49	9.31	9.14	9.72	9.30	9.19	9.10	
Sanchez, Arthur	9.39	9.42	9.44	9.25	9.47	9.37	9.35	9.28	
Sanchez, Christopher	9.35	9.45	9.39	8.90	9.55	9.30	9.28	9.21	
Trevino, Robert	9.39	9.40	9.32	8.85	9.50	9.24	9.18	9.13	
MAXIMUM	9.43	9.54	9.61	9.25	9.73	9.37	9.40	9.30	
MINIMUM	9.26	9.22	9.28	8.85	9.47	8.88	9.01	9.09	
RANGE(MAX-MIN)	0.170	0.320	0.330	0.400	0.260	0.490	0.390	0.210	
MEAN	9.371	9.434	9.432	9.022	9.562	9.182	9.246	9.220	
STANDARD DEVIATION	0.150	0.150	0.150	0.150	0.150	0.150	0.150	0.150	
N SIZE	16.000								

Part ID= Q1-8 - SEQ. VH PISTONS

Q1-8 YI Values

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

Rater	P1MERI	P2MERI	P3MERI	P4MERI	P5MERI	P6MERI	P7MERI	P8MERI	
Aguirre, Nancy P	-0.14	0.57	1.19	0.79	0.19	0.19	1.03	0.13	
Allen, Duane	0.06	-1.36	-0.68	-0.01	-0.28	-1.55	0.23	-0.47	
Austin, Philip	0.13	0.64	1.05	1.65	-0.08	0.65	-0.17	1.60	
Barrera, Tony	0.26	0.24	0.45	1.19	1.12	0.45	0.90	0.53	
Cales, Jonathon	0.99	-1.56	-1.28	0.52	-1.75	-0.68	0.10	0.40	
Caproni, David	1.53	-0.90	-1.41	0.52	-1.41	-0.75	-0.17	0.20	
Chalkley Jr, Gerald	-1.81	-1.90	-1.35	0.72	-1.55	-0.81	-0.10	0.20	
DeCapite, Vanessa	0.19	0.17	0.52	1.12	-0.01	-1.21	0.16	0.40	
Dominguez, Lucio	-0.07	-0.03	-0.81	-0.48	-0.28	-0.08	-0.70	-0.20	
Lonsway, Chris	0.19	0.64	0.92	0.79	0.19	0.39	0.10	1.73	
Lopez, Frank	0.39	0.70	0.65	-1.15	0.45	0.25	-0.30	0.27	
Ragsdale, Kirt	-0.74	-1.43	-1.01	-1.01	-0.35	-2.01	-1.57	-0.87	
Rodriguez, Jesus (Jesse)	0.13	0.37	-0.81	0.79	1.05	0.79	-0.37	-0.80	
Sanchez, Arthur	0.13	-0.10	0.05	1.52	-0.61	1.25	0.70	0.40	
Sanchez, Christopher	-0.14	0.10	-0.28	-0.81	-0.08	0.79	0.23	-0.07	
Trevino, Robert	0.13	-0.23	-0.75	-1.15	-0.41	0.39	-0.44	-0.60	
MAXIMUM	-0.74	-1.43	1.19	1.52	1.12	-2.01	-1.57	-0.87	
MINIMUM	-0.07	-0.03	0.05	-0.48	-0.01	-0.08	0.16	-0.07	
RANGE(MAX-MIN)	-0.667	-1.400	1.133	2.000	1.133	-1.933	-1.733	-0.800	
MEAN	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
STANDARD DEVIATION	0.332	0.615	0.761	1.126	0.530	1.011	0.842	0.481	
N SIZE	16.000								

Lab Raters (Mar. 6-10, 2023)

Part ID= R1-8 - SEQ. VH PISTONS

Rated Values

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

Rater	P1MERI	P2MERI	P3MERI	P4MERI	P5MERI	P6MERI	P7MERI	P8MERI
Aguirre, Nancy P	8.71	8.85	8.98	8.68	9.41	9.14	8.96	9.01
Barrera, Tony	9.15	9.00	9.07	8.59	9.46	9.28	8.93	9.15
DeCapite, Vanessa	8.71	8.78	8.87	8.38	9.31	8.93	8.75	8.90
Dominguez, Lucio	8.57	8.68	8.78	8.16	9.33	9.09	8.85	8.94
Lopez, Frank	8.95	8.88	8.92	8.63	9.37	9.10	8.85	8.87
Ragsdale, Kirt	8.70	8.82	8.87	8.39	9.11	8.81	8.48	8.97
Sanchez, Arthur	8.99	9.06	8.97	8.35	9.08	9.19	9.00	9.11
Sanchez, Christopher	8.69	8.75	8.84	8.35	9.31	8.96	8.55	8.96
Trevino, Robert	8.79	8.81	8.89	8.49	9.33	9.02	8.73	8.93
MAXIMUM	9.15	9.06	9.07	8.68	9.46	9.28	9.00	9.15
MINIMUM	8.57	8.68	8.78	8.16	9.08	8.81	8.48	8.87
RANGE(MAX-MIN)	0.580	0.380	0.290	0.520	0.380	0.470	0.520	0.280
MEAN	8.807	8.848	8.910	8.447	9.301	9.058	8.789	8.982
STANDARD DEVIATION	0.184	0.119	0.100	0.165	0.127	0.144	0.180	0.100
N SIZE	9.000							

Part ID= R1-8 - SEQ. VH PISTONS

R1-8 YI Values

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

Rater	P1MERI	P2MERI	P3MERI	P4MERI	P5MERI	P6MERI	P7MERI	P8MERI
Aguirre, Nancy P	-0.52	0.02	0.70	1.41	0.86	0.57	0.95	0.28
Barrera, Tony	1.86	1.28	1.60	0.87	1.25	1.55	0.78	1.68
DeCapite, Vanessa	-0.52	-0.57	-0.40	-0.40	0.07	-0.89	-0.22	-0.82
Dominguez, Lucio	-1.28	-1.41	-1.30	-1.73	0.23	0.22	0.34	-0.42
Lopez, Frank	0.78	0.27	0.10	1.11	0.54	0.29	0.34	-1.12
Ragsdale, Kirt	-0.58	-0.23	-0.40	-0.34	-1.50	-1.72	-1.72	-0.12
Sanchez, Arthur	0.99	1.78	0.60	-0.58	-1.74	0.92	1.17	1.28
Sanchez, Christopher	-0.63	-0.82	-0.70	-0.58	0.07	-0.68	-1.33	-0.22
Trevino, Robert	-0.09	-0.32	-0.20	0.26	0.23	-0.26	-0.33	-0.52
MAXIMUM	1.86	1.78	1.60	-1.73	-1.74	-1.72	-1.72	1.68
MINIMUM	-0.09	0.02	0.10	0.26	0.07	0.22	-0.22	-0.12
RANGE(MAX-MIN)	1.952	1.761	1.500	-1.995	-1.811	-1.949	-1.501	1.800
MEAN	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
STANDARD DEVIATION	1.000	1.000	0.863	1.000	1.000	1.000	1.000	0.934
N SIZE	9.000							

Lab Raters (Mar. 6-10, 2023)

Part ID= S1-8 - SEQ. VH PISTONS

Rated Values

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

Rater	P1MERI	P2MERI	P3MERI	P4MERI	P5MERI	P6MERI	P7MERI	P8MERI
Aguirre, Nancy P	9.32	9.45	9.33	9.47	9.55	9.20	9.30	9.20
Allen, Duane	9.33	9.38	9.26	9.29	9.47	9.24	9.13	9.04
Austin, Philip	9.41	9.44	9.31	9.45	9.52	9.42	9.25	9.13
Barrera, Tony	9.37	9.40	9.29	9.49	9.46	9.27	9.27	9.12
Cales, Jonathon	9.40	9.38	9.20	9.32	9.26	9.02	9.24	9.15
Caproni, David	9.33	9.33	9.16	9.31	9.20	9.07	9.25	9.10
Chalkley Jr, Gerald	9.36	9.36	9.18	9.30	9.40	9.04	9.27	9.06
DeCapite, Vanessa	9.40	9.44	9.36	9.46	9.58	9.38	9.21	9.20
Dominguez, Lucio	9.40	9.43	9.33	9.38	9.51	9.25	9.18	9.14
Lonsway, Chris	9.51	9.52	9.23	9.40	9.49	9.33	9.21	9.10
Lopez, Frank	9.40	9.42	9.40	9.25	9.53	9.34	9.19	9.13
Ragsdale, Kirt	9.35	9.43	9.30	9.30	9.42	8.97	9.12	9.00
Rodriguez, Jesus (Jesse)	9.39	9.39	9.29	9.42	9.55	9.38	9.37	9.28
Sanchez, Arthur	9.39	9.45	9.40	9.42	9.44	9.25	9.27	9.21
Sanchez, Christopher	9.34	9.40	9.27	9.40	9.56	9.17	9.28	9.22
Trevino, Robert	9.35	9.42	9.35	9.29	9.50	9.21	9.15	9.17
MAXIMUM	9.40	9.45	9.40	9.49	9.58	9.38	9.30	9.22
MINIMUM	9.32	9.40	9.27	9.25	9.42	8.97	9.12	9.00
RANGE(MAX-MIN)	0.080	0.050	0.130	0.240	0.160	0.410	0.180	0.220
MEAN	9.369	9.427	9.337	9.384	9.506	9.227	9.219	9.154
STANDARD DEVIATION	0.100	0.100	0.100	0.100	0.100	0.117	0.100	0.100
N SIZE	16.000							

Part ID= S1-8 - SEQ. VH PISTONS

S1-8 YI Values

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

Rater	P1MERI	P2MERI	P3MERI	P4MERI	P5MERI	P6MERI	P7MERI	P8MERI
Aguirre, Nancy P	-0.49	0.23	-0.07	0.86	0.44	-0.23	0.81	0.46
Allen, Duane	-0.39	-0.47	-0.77	-0.94	-0.36	0.11	-0.89	-1.14
Austin, Philip	0.41	0.13	-0.27	0.66	0.14	1.65	0.31	-0.24
Barrera, Tony	0.01	-0.27	-0.47	1.06	-0.46	0.37	0.51	-0.34
Cales, Jonathon	0.31	-0.47	-1.37	-0.64	-2.46	-1.77	0.21	-0.04
Caproni, David	-0.39	-0.97	-1.77	-0.74	-3.06	-1.34	0.31	-0.54
Chalkley Jr, Gerald	-0.09	-0.67	-1.57	-0.84	-1.06	-1.60	0.51	-0.94
DeCapite, Vanessa	0.31	0.13	0.23	0.76	0.74	1.31	-0.09	0.46
Dominguez, Lucio	0.31	0.03	-0.07	-0.04	0.04	0.20	-0.39	-0.14
Lonsway, Chris	1.41	0.93	-1.07	0.16	-0.16	0.88	-0.09	-0.54
Lopez, Frank	0.31	-0.07	0.63	-1.34	0.24	0.97	-0.29	-0.24
Ragsdale, Kirt	-0.19	0.03	-0.37	-0.84	-0.86	-2.19	-0.99	-1.54
Rodriguez, Jesus (Jesse)	0.21	-0.37	-0.47	0.36	0.44	1.31	1.51	1.26
Sanchez, Arthur	0.21	0.23	0.63	0.36	-0.66	0.20	0.51	0.56
Sanchez, Christopher	-0.29	-0.27	-0.67	0.16	0.54	-0.48	0.61	0.66
Trevino, Robert	-0.19	-0.07	0.13	-0.94	-0.06	-0.14	-0.69	0.16
MAXIMUM	-0.49	-0.27	-0.67	-1.34	-0.86	-2.19	-0.99	-1.54
MINIMUM	0.01	0.03	-0.07	-0.04	0.04	-0.14	-0.09	-0.14
RANGE(MAX-MIN)	-0.500	-0.300	-0.600	-1.300	-0.900	-2.052	-0.900	-1.400
MEAN	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
STANDARD DEVIATION	0.302	0.187	0.458	0.865	0.557	1.000	0.637	0.686
N SIZE	16.000							

Lab Raters (Mar. 6-10, 2023)

Part ID= VRCL - RC SLUDGE L

Rated Values

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

Rater	TOTALS	
Aguirre, Nancy P	9.49	
Allen, Duane	9.47	
Andiloro, Marcello	9.52	
Austin, Philip	9.53	
Barrera, Tony	9.58	
Burk, Stephen	9.51	
Cales, Jonathon	9.52	
Caproni, David	9.48	
Chalkley Jr, Gerald	9.46	
DeCapite, Vanessa	9.50	
Dominguez, Lucio	9.46	
Lonsway, Chris	9.55	
Lopez, Frank	9.49	
Moore, Sean	9.54	
Ragsdale, Kirt	9.44	
Rodriguez, Jesus (Jesse)	9.44	
Sanchez, Arthur	9.54	
Sanchez, Christopher	9.48	
Trevino, Robert	9.49	
MAXIMUM	9.58	
MINIMUM	9.44	
RANGE(MAX-MIN)	0.140	
MEAN	9.497	
STANDARD DEVIATION	0.100	
N SIZE	19.000	

Part ID= VRCL - RC SLUDGE L

VRCL YI Values

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

Rater	TOTALS	
Aguirre, Nancy P	-0.07	
Allen, Duane	-0.27	
Andiloro, Marcello	0.23	
Austin, Philip	0.33	
Barrera, Tony	0.83	
Burk, Stephen	0.13	
Cales, Jonathon	0.23	
Caproni, David	-0.17	
Chalkley Jr, Gerald	-0.37	
DeCapite, Vanessa	0.03	
Dominguez, Lucio	-0.37	
Lonsway, Chris	0.53	
Lopez, Frank	-0.07	
Moore, Sean	0.43	
Ragsdale, Kirt	-0.57	
Rodriguez, Jesus (Jesse)	-0.57	
Sanchez, Arthur	0.43	
Sanchez, Christopher	-0.17	
Trevino, Robert	-0.07	
MAXIMUM	0.83	
MINIMUM	0.03	
RANGE(MAX-MIN)	0.800	
MEAN	0.000	
STANDARD DEVIATION	0.415	
N SIZE	19.000	

Lab Raters (Mar. 6-10, 2023)

Part ID= VRCBL - RC BFL SLUDGE L

Rated Values

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

Rater	TOTALS	
Aguirre, Nancy P	9.33	
Allen, Duane	9.35	
Andiloro, Marcello	9.47	
Austin, Philip	9.50	
Barrera, Tony	9.51	
Burk, Stephen	9.47	
Cales, Jonathon	9.33	
Caproni, David	9.45	
Chalkley Jr, Gerald	9.32	
DeCapite, Vanessa	9.29	
Dominguez, Lucio	9.40	
Lonsway, Chris	9.35	
Lopez, Frank	9.50	
Moore, Sean	9.47	
Ragsdale, Kirt	9.50	
Rodriguez, Jesus (Jesse)	9.35	
Sanchez, Arthur	9.33	
Sanchez, Christopher	9.50	
Trevino, Robert	9.50	
MAXIMUM	9.51	
MINIMUM	9.29	
RANGE(MAX-MIN)	0.220	
MEAN	9.429	
STANDARD DEVIATION	0.100	
N SIZE	19.000	

Part ID= VRCBL - RC BFL SLUDGE L

VRCBL Yi Values

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

Rater	TOTALS	
Aguirre, Nancy P	-0.99	
Allen, Duane	-0.79	
Andiloro, Marcello	0.41	
Austin, Philip	0.71	
Barrera, Tony	0.81	
Burk, Stephen	0.41	
Cales, Jonathon	-0.99	
Caproni, David	0.21	
Chalkley Jr, Gerald	-1.09	
DeCapite, Vanessa	-1.39	
Dominguez, Lucio	-0.29	
Lonsway, Chris	-0.79	
Lopez, Frank	0.71	
Moore, Sean	0.41	
Ragsdale, Kirt	0.71	
Rodriguez, Jesus (Jesse)	-0.79	
Sanchez, Arthur	-0.99	
Sanchez, Christopher	0.71	
Trevino, Robert	0.71	
MAXIMUM	-1.39	
MINIMUM	-0.29	
RANGE(MAX-MIN)	-1.100	
MEAN	0.000	
STANDARD DEVIATION	0.912	
N SIZE	19.000	

Lab Raters (Mar. 6-10, 2023)

Part ID= VRCBVL - RC BFL VARN L

Rated Values

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

Rater	AVERAG	
Aguirre, Nancy P	9.77	
Allen, Duane	9.80	
Andiloro, Marcello	9.14	
Austin, Philip	9.71	
Barrera, Tony	9.79	
Burk, Stephen	9.03	
Cales, Jonathon	9.77	
Caproni, David	9.77	
Chalkley Jr, Gerald	9.74	
DeCapite, Vanessa	9.72	
Dominguez, Lucio	9.69	
Lonsway, Chris	9.84	
Lopez, Frank	9.71	
Moore, Sean	8.88	
Ragsdale, Kirt	9.72	
Rodriguez, Jesus (Jesse)	9.63	
Sanchez, Arthur	9.70	
Sanchez, Christopher	9.73	
Trevino, Robert	9.75	
MAXIMUM	9.79	
MINIMUM	9.69	
RANGE(MAX-MIN)	0.100	
MEAN	9.731	
STANDARD DEVIATION	0.100	
N SIZE	19.000	

Part ID= VRCBVL - RC BFL VARN L

VRCBVL Yi Values

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

Rater	AVERAG	
Aguirre, Nancy P	0.39	
Allen, Duane	0.69	
Andiloro, Marcello	-5.94	
Austin, Philip	-0.21	
Barrera, Tony	0.59	
Burk, Stephen	-7.04	
Cales, Jonathon	0.39	
Caproni, David	0.39	
Chalkley Jr, Gerald	0.09	
DeCapite, Vanessa	-0.11	
Dominguez, Lucio	-0.41	
Lonsway, Chris	1.09	
Lopez, Frank	-0.21	
Moore, Sean	-8.54	
Ragsdale, Kirt	-0.11	
Rodriguez, Jesus (Jesse)	-1.01	
Sanchez, Arthur	-0.31	
Sanchez, Christopher	-0.01	
Trevino, Robert	0.19	
MAXIMUM	0.59	
MINIMUM	-0.01	
RANGE(MAX-MIN)	0.600	
MEAN	0.000	
STANDARD DEVIATION	0.330	
N SIZE	19.000	

Lab Raters (Mar. 6-10, 2023)

Part ID= VVDL - VALVE DECK SLUDGE L

Rated Values

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

Rater	TOTALS	
Aguirre, Nancy P	9.45	
Allen, Duane	9.41	
Andiloro, Marcello	9.42	
Austin, Philip	9.45	
Barrera, Tony	9.53	
Burk, Stephen	9.42	
Cales, Jonathon	9.29	
Caproni, David	9.25	
Chalkley Jr, Gerald	9.32	
DeCapite, Vanessa	9.42	
Dominguez, Lucio	9.40	
Lonsway, Chris	9.31	
Lopez, Frank	9.35	
Moore, Sean	9.40	
Ragsdale, Kirt	9.40	
Rodriguez, Jesus (Jesse)	9.35	
Sanchez, Arthur	9.40	
Sanchez, Christopher	9.43	
Trevino, Robert	9.35	
MAXIMUM	9.53	
MINIMUM	9.35	
RANGE(MAX-MIN)	0.180	
MEAN	9.414	
STANDARD DEVIATION	0.100	
N SIZE	19.000	

Part ID= VVDL - VALVE DECK SLUDGE L

VVDL YI Values

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

Rater	TOTALS	
Aguirre, Nancy P	0.36	
Allen, Duane	-0.04	
Andiloro, Marcello	0.06	
Austin, Philip	0.36	
Barrera, Tony	1.16	
Burk, Stephen	0.06	
Cales, Jonathon	-1.24	
Caproni, David	-1.64	
Chalkley Jr, Gerald	-0.94	
DeCapite, Vanessa	0.06	
Dominguez, Lucio	-0.14	
Lonsway, Chris	-1.04	
Lopez, Frank	-0.64	
Moore, Sean	-0.14	
Ragsdale, Kirt	-0.14	
Rodriguez, Jesus (Jesse)	-0.64	
Sanchez, Arthur	-0.14	
Sanchez, Christopher	0.16	
Trevino, Robert	-0.64	
MAXIMUM	1.16	
MINIMUM	0.06	
RANGE(MAX-MIN)	1.100	
MEAN	0.000	
STANDARD DEVIATION	0.546	
N SIZE	19.000	

Lab Raters (Mar. 6-10, 2023)

Part ID= VTCC - TC CVR SLUDGE

Rated Values

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

Rater	TOTALS	
Aguirre, Nancy P	9.67	
Allen, Duane	9.48	
Andiloro, Marcello	9.63	
Austin, Philip	9.66	
Barrera, Tony	9.70	
Burk, Stephen	9.60	
Cales, Jonathon	9.59	
Caproni, David	9.54	
Chalkley Jr, Gerald	9.54	
DeCapite, Vanessa	9.54	
Dominguez, Lucio	9.59	
Lonsway, Chris	9.49	
Lopez, Frank	9.61	
Moore, Sean	9.61	
Ragsdale, Kirt	9.50	
Rodriguez, Jesus (Jesse)	9.52	
Sanchez, Arthur	9.50	
Sanchez, Christopher	9.50	
Trevino, Robert	9.53	
MAXIMUM	9.70	
MINIMUM	9.50	
RANGE(MAX-MIN)	0.200	
MEAN	9.571	
STANDARD DEVIATION	0.100	
N SIZE	19.000	

Part ID= VTCC - TC CVR SLUDGE

VTCC YI Values

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

Rater	TOTALS	
Aguirre, Nancy P	0.99	
Allen, Duane	-0.91	
Andiloro, Marcello	0.59	
Austin, Philip	0.89	
Barrera, Tony	1.29	
Burk, Stephen	0.29	
Cales, Jonathon	0.19	
Caproni, David	-0.31	
Chalkley Jr, Gerald	-0.31	
DeCapite, Vanessa	-0.31	
Dominguez, Lucio	0.19	
Lonsway, Chris	-0.81	
Lopez, Frank	0.39	
Moore, Sean	0.39	
Ragsdale, Kirt	-0.71	
Rodriguez, Jesus (Jesse)	-0.51	
Sanchez, Arthur	-0.71	
Sanchez, Christopher	-0.71	
Trevino, Robert	-0.41	
MAXIMUM	1.29	
MINIMUM	0.19	
RANGE(MAX-MIN)	1.100	
MEAN	0.000	
STANDARD DEVIATION	0.759	
N SIZE	19.000	

Lab Raters (Mar. 6-10, 2023)

Part ID= OILSCR - OIL SCREEN

Rated Values

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

Rater	P1	P2
Aguirre, Nancy P	2.00	1.00
Allen, Duane	5.00	1.00
Andiloro, Marcello	15.00	3.00
Austin, Philip	4.00	2.00
Barrera, Tony	3.00	1.00
Burk, Stephen	16.00	2.00
Cales, Jonathon	4.00	0.00
Caproni, David	5.00	0.00
Chalkley Jr, Gerald	7.00	1.00
DeCapite, Vanessa	5.00	1.00
Dominguez, Lucio	4.00	1.00
Lonsway, Chris	6.00	2.00
Lopez, Frank	4.00	0.00
Moore, Sean	19.00	3.00
Ragsdale, Kirt	6.00	1.00
Rodriguez, Jesus (Jesse)	5.00	1.00
Sanchez, Arthur	7.00	2.00
Sanchez, Christopher	6.00	1.00
Trevino, Robert	6.00	1.00
MAXIMUM	19.00	3.00
MINIMUM	2.00	0.00
RANGE(MAX-MIN)	17.000	3.000
MEAN	6.789	1.263
STANDARD DEVIATION	4.626	0.872
N SIZE	19.000	

Part ID= OILSCR - OIL SCREEN

OILSCR Y1 Values

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

Rater	P1	P2
Aguirre, Nancy P	-1.04	-0.30
Allen, Duane	-0.39	-0.30
Andiloro, Marcello	1.78	1.99
Austin, Philip	-0.60	0.85
Barrera, Tony	-0.82	-0.30
Burk, Stephen	1.99	0.85
Cales, Jonathon	-0.60	-1.45
Caproni, David	-0.39	-1.45
Chalkley Jr, Gerald	0.05	-0.30
DeCapite, Vanessa	-0.39	-0.30
Dominguez, Lucio	-0.60	-0.30
Lonsway, Chris	-0.17	0.85
Lopez, Frank	-0.60	-1.45
Moore, Sean	2.64	1.99
Ragsdale, Kirt	-0.17	-0.30
Rodriguez, Jesus (Jesse)	-0.39	-0.30
Sanchez, Arthur	0.05	0.85
Sanchez, Christopher	-0.17	-0.30
Trevino, Robert	-0.17	-0.30
MAXIMUM	2.64	1.99
MINIMUM	0.05	-0.30
RANGE(MAX-MIN)	2.594	2.294
MEAN	0.000	0.000
STANDARD DEVIATION	1.000	1.000
N SIZE	19.000	

Lab Raters (Mar. 6-10, 2023)

Part ID= ISMOP - ISM OIL PAN

Rated Values

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

Rater	TOTALS	
Aguirre, Nancy P	9.45	
Allen, Duane	9.49	
Austin, Philip	9.35	
Barrera, Tony	9.37	
Cales, Jonathon	9.22	
Caproni, David	9.43	
Chalkley Jr, Gerald	9.50	
DeCapite, Vanessa	9.23	
Dominguez, Lucio	9.50	
Lonsway, Chris	9.15	
Lopez, Frank	9.28	
Ragsdale, Kirt	9.24	
Rodriguez, Jesus (Jesse)	9.43	
Sanchez, Arthur	9.32	
Sanchez, Christopher	9.24	
Trevino, Robert	9.26	
MAXIMUM	9.50	
MINIMUM	9.23	
RANGE(MAX-MIN)	0.270	
MEAN	9.321	
STANDARD DEVIATION	0.100	
N SIZE	16.000	

Part ID= ISMOP - ISM OIL PAN

ISMOP Yi Values

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

Rater	TOTALS	
Aguirre, Nancy P	1.29	
Allen, Duane	1.69	
Austin, Philip	0.29	
Barrera, Tony	0.49	
Cales, Jonathon	-1.01	
Caproni, David	1.09	
Chalkley Jr, Gerald	1.79	
DeCapite, Vanessa	-0.91	
Dominguez, Lucio	1.79	
Lonsway, Chris	-1.71	
Lopez, Frank	-0.41	
Ragsdale, Kirt	-0.81	
Rodriguez, Jesus (Jesse)	1.09	
Sanchez, Arthur	-0.01	
Sanchez, Christopher	-0.81	
Trevino, Robert	-0.61	
MAXIMUM	1.79	
MINIMUM	-0.01	
RANGE(MAX-MIN)	1.800	
MEAN	0.000	
STANDARD DEVIATION	0.987	
N SIZE	16.000	

Lab Raters (Mar. 6-10, 2023)

Part ID= ISMRC - ISM ROCKER COVER

Rated Values

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

Rater	TOTALS	
Aguirre, Nancy P	9.61	
Allen, Duane	9.49	
Austin, Philip	9.37	
Barrera, Tony	9.55	
Cales, Jonathon	9.27	
Caproni, David	9.37	
Chalkley Jr, Gerald	9.51	
DeCapite, Vanessa	9.40	
Dominguez, Lucio	9.46	
Lonsway, Chris	9.25	
Lopez, Frank	9.40	
Ragsdale, Kirt	9.44	
Rodriguez, Jesus (Jesse)	9.37	
Sanchez, Arthur	9.47	
Sanchez, Christopher	9.35	
Trevino, Robert	9.34	
MAXIMUM	9.61	
MINIMUM	9.34	
RANGE(MAX-MIN)	0.270	
MEAN	9.447	
STANDARD DEVIATION	0.100	
N SIZE	16.000	

Part ID= ISMRC - ISM ROCKER COVER

ISMRC Yi Values

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

Rater	TOTALS	
Aguirre, Nancy P	1.63	
Allen, Duane	0.43	
Austin, Philip	-0.77	
Barrera, Tony	1.03	
Cales, Jonathon	-1.77	
Caproni, David	-0.77	
Chalkley Jr, Gerald	0.63	
DeCapite, Vanessa	-0.47	
Dominguez, Lucio	0.13	
Lonsway, Chris	-1.97	
Lopez, Frank	-0.47	
Ragsdale, Kirt	-0.07	
Rodriguez, Jesus (Jesse)	-0.77	
Sanchez, Arthur	0.23	
Sanchez, Christopher	-0.97	
Trevino, Robert	-1.07	
MAXIMUM	1.63	
MINIMUM	-0.07	
RANGE(MAX-MIN)	1.700	
MEAN	0.000	
STANDARD DEVIATION	0.889	
N SIZE	16.000	

Lab Raters (Mar. 6-10, 2023)

Part ID= VRRCR - RC SLUDGE R

Rated Values

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

Rater	TOTALS	
Aguirre, Nancy P	9.47	
Allen, Duane	9.43	
Andiloro, Marcello	9.59	
Austin, Philip	9.58	
Barrera, Tony	9.62	
Burk, Stephen	9.52	
Cales, Jonathon	9.48	
Caproni, David	9.45	
Chalkley Jr, Gerald	9.49	
DeCapite, Vanessa	9.44	
Dominguez, Lucio	9.45	
Lonsway, Chris	9.56	
Lopez, Frank	9.52	
Moore, Sean	9.57	
Ragsdale, Kirt	9.48	
Rodriguez, Jesus (Jesse)	9.51	
Sanchez, Arthur	9.55	
Sanchez, Christopher	9.48	
Trevino, Robert	9.47	
MAXIMUM	9.62	
MINIMUM	9.44	
RANGE(MAX-MIN)	0.180	
MEAN	9.498	
STANDARD DEVIATION	0.100	
N SIZE	19.000	

Part ID= VRRCR - RC SLUDGE R

VRRCR YI Values

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

Rater	TOTALS	
Aguirre, Nancy P	-0.28	
Allen, Duane	-0.68	
Andiloro, Marcello	0.92	
Austin, Philip	0.82	
Barrera, Tony	1.22	
Burk, Stephen	0.22	
Cales, Jonathon	-0.18	
Caproni, David	-0.48	
Chalkley Jr, Gerald	-0.08	
DeCapite, Vanessa	-0.58	
Dominguez, Lucio	-0.48	
Lonsway, Chris	0.62	
Lopez, Frank	0.22	
Moore, Sean	0.72	
Ragsdale, Kirt	-0.18	
Rodriguez, Jesus (Jesse)	0.12	
Sanchez, Arthur	0.52	
Sanchez, Christopher	-0.18	
Trevino, Robert	-0.28	
MAXIMUM	1.22	
MINIMUM	-0.18	
RANGE(MAX-MIN)	1.400	
MEAN	0.000	
STANDARD DEVIATION	0.570	
N SIZE	19.000	

Lab Raters (Mar. 6-10, 2023)

Part ID= VRCBR - RC BFL SLUDGE R

Rated Values

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

Rater	TOTALS	
Aguirre, Nancy P	9.42	
Allen, Duane	9.42	
Andiloro, Marcello	9.43	
Austin, Philip	9.46	
Barrera, Tony	9.47	
Burk, Stephen	9.47	
Cales, Jonathon	9.25	
Caproni, David	9.43	
Chalkley Jr, Gerald	9.43	
DeCapite, Vanessa	9.53	
Dominguez, Lucio	9.37	
Lonsway, Chris	9.37	
Lopez, Frank	9.48	
Moore, Sean	9.43	
Ragsdale, Kirt	9.45	
Rodriguez, Jesus (Jesse)	9.35	
Sanchez, Arthur	9.35	
Sanchez, Christopher	9.47	
Trevino, Robert	9.45	
MAXIMUM	9.53	
MINIMUM	9.35	
RANGE(MAX-MIN)	0.180	
MEAN	9.443	
STANDARD DEVIATION	0.100	
N SIZE	19.000	

Part ID= VRCBR - RC BFL SLUDGE R

VRCBR YI Values

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

Rater	TOTALS	
Aguirre, Nancy P	-0.23	
Allen, Duane	-0.23	
Andiloro, Marcello	-0.13	
Austin, Philip	0.17	
Barrera, Tony	0.27	
Burk, Stephen	0.27	
Cales, Jonathon	-1.93	
Caproni, David	-0.13	
Chalkley Jr, Gerald	-0.13	
DeCapite, Vanessa	0.87	
Dominguez, Lucio	-0.73	
Lonsway, Chris	-0.73	
Lopez, Frank	0.37	
Moore, Sean	-0.13	
Ragsdale, Kirt	0.07	
Rodriguez, Jesus (Jesse)	-0.93	
Sanchez, Arthur	-0.93	
Sanchez, Christopher	0.27	
Trevino, Robert	0.07	
MAXIMUM	-0.93	
MINIMUM	0.07	
RANGE(MAX-MIN)	-1.000	
MEAN	0.000	
STANDARD DEVIATION	0.559	
N SIZE	19.000	

Lab Raters (Mar. 6-10, 2023)

Part ID= VRCBVR - RC BFL VARN R

Rated Values

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

Rater	AVERAG
Aguirre, Nancy P	9.78
Allen, Duane	9.80
Andiloro, Marcello	9.21
Austin, Philip	9.80
Barrera, Tony	9.83
Burk, Stephen	8.63
Cales, Jonathon	9.80
Caproni, David	9.80
Chalkley Jr, Gerald	9.86
DeCapite, Vanessa	9.83
Dominguez, Lucio	9.70
Lonsway, Chris	9.88
Lopez, Frank	9.88
Moore, Sean	8.79
Ragsdale, Kirt	9.80
Rodriguez, Jesus (Jesse)	9.80
Sanchez, Arthur	9.70
Sanchez, Christopher	9.80
Trevino, Robert	9.80
MAXIMUM	9.88
MINIMUM	9.70
RANGE(MAX-MIN)	0.180
MEAN	9.791
STANDARD DEVIATION	0.100
N SIZE	19.000

Part ID= VRCBVR - RC BFL VARN R

VRCBVR Yi Values

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

Rater	AVERAG
Aguirre, Nancy P	-0.11
Allen, Duane	0.09
Andiloro, Marcello	-5.81
Austin, Philip	0.09
Barrera, Tony	0.39
Burk, Stephen	-11.61
Cales, Jonathon	0.09
Caproni, David	0.09
Chalkley Jr, Gerald	0.69
DeCapite, Vanessa	0.39
Dominguez, Lucio	-0.91
Lonsway, Chris	0.89
Lopez, Frank	0.89
Moore, Sean	-10.01
Ragsdale, Kirt	0.09
Rodriguez, Jesus (Jesse)	0.09
Sanchez, Arthur	-0.91
Sanchez, Christopher	0.09
Trevino, Robert	0.09
MAXIMUM	-0.91
MINIMUM	0.09
RANGE(MAX-MIN)	-1.000
MEAN	0.000
STANDARD DEVIATION	0.590
N SIZE	19.000

Lab Raters (Mar. 6-10, 2023)

Part ID= VVDR - VALVE DECK SLUDGE R

Rated Values

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

Rater	TOTALS	
Aguirre, Nancy P	9.46	
Allen, Duane	9.32	
Andiloro, Marcello	9.32	
Austin, Philip	9.50	
Barrera, Tony	9.50	
Burk, Stephen	9.27	
Cales, Jonathon	9.37	
Caproni, David	9.41	
Chalkley Jr, Gerald	9.31	
DeCapite, Vanessa	9.37	
Dominguez, Lucio	9.33	
Lonsway, Chris	9.45	
Lopez, Frank	9.31	
Moore, Sean	9.27	
Ragsdale, Kirt	9.41	
Rodriguez, Jesus (Jesse)	9.26	
Sanchez, Arthur	9.36	
Sanchez, Christopher	9.41	
Trevino, Robert	9.34	
MAXIMUM	9.50	
MINIMUM	9.31	
RANGE(MAX-MIN)	0.190	
MEAN	9.388	
STANDARD DEVIATION	0.100	
N SIZE	19.000	

Part ID= VVDR - VALVE DECK SLUDGE R

VVDR YI Values

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

Rater	TOTALS	
Aguirre, Nancy P	0.72	
Allen, Duane	-0.68	
Andiloro, Marcello	-0.68	
Austin, Philip	1.12	
Barrera, Tony	1.12	
Burk, Stephen	-1.18	
Cales, Jonathon	-0.18	
Caproni, David	0.22	
Chalkley Jr, Gerald	-0.78	
DeCapite, Vanessa	-0.18	
Dominguez, Lucio	-0.58	
Lonsway, Chris	0.62	
Lopez, Frank	-0.78	
Moore, Sean	-1.18	
Ragsdale, Kirt	0.22	
Rodriguez, Jesus (Jesse)	-1.28	
Sanchez, Arthur	-0.28	
Sanchez, Christopher	0.22	
Trevino, Robert	-0.48	
MAXIMUM	1.12	
MINIMUM	-0.18	
RANGE(MAX-MIN)	1.300	
MEAN	0.000	
STANDARD DEVIATION	0.628	
N SIZE	19.000	

Lab Raters (Mar. 6-10, 2023)

Part ID= VOP - OIL PAN SLUDGE

Rated Values

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

Rater	TOTALS	
Aguirre, Nancy P	9.42	
Allen, Duane	9.31	
Andiloro, Marcello	9.43	
Austin, Philip	9.47	
Barrera, Tony	9.40	
Burk, Stephen	9.37	
Cales, Jonathon	9.26	
Caproni, David	9.25	
Chalkley Jr, Gerald	9.34	
DeCapite, Vanessa	9.34	
Dominguez, Lucio	9.31	
Lonsway, Chris	9.32	
Lopez, Frank	9.37	
Moore, Sean	9.38	
Ragsdale, Kirt	9.31	
Rodriguez, Jesus (Jesse)	9.21	
Sanchez, Arthur	9.35	
Sanchez, Christopher	9.31	
Trevino, Robert	9.32	
MAXIMUM	9.42	
MINIMUM	9.31	
RANGE(MAX-MIN)	0.110	
MEAN	9.348	
STANDARD DEVIATION	0.100	
N SIZE	19.000	

Part ID= VOP - OIL PAN SLUDGE

VOP YI Values

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

Rater	TOTALS	
Aguirre, Nancy P	0.72	
Allen, Duane	-0.38	
Andiloro, Marcello	0.82	
Austin, Philip	1.22	
Barrera, Tony	0.52	
Burk, Stephen	0.22	
Cales, Jonathon	-0.88	
Caproni, David	-0.98	
Chalkley Jr, Gerald	-0.08	
DeCapite, Vanessa	-0.08	
Dominguez, Lucio	-0.38	
Lonsway, Chris	-0.28	
Lopez, Frank	0.22	
Moore, Sean	0.32	
Ragsdale, Kirt	-0.38	
Rodriguez, Jesus (Jesse)	-1.38	
Sanchez, Arthur	0.02	
Sanchez, Christopher	-0.38	
Trevino, Robert	-0.28	
MAXIMUM	0.72	
MINIMUM	0.02	
RANGE(MAX-MIN)	0.700	
MEAN	0.000	
STANDARD DEVIATION	0.412	
N SIZE	19.000	

Lab Raters (Mar. 6-10, 2023)

Part ID= VOPB - OIL PAN BFL SLUDGE

Rated Values

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

Rater	TOTALS	
Aguirre, Nancy P	9.47	
Allen, Duane	9.43	
Andiloro, Marcello	9.40	
Austin, Philip	9.58	
Barrera, Tony	9.52	
Burk, Stephen	9.50	
Cales, Jonathon	9.37	
Caproni, David	9.40	
Chalkley Jr, Gerald	9.37	
DeCapite, Vanessa	9.39	
Dominguez, Lucio	9.45	
Lonsway, Chris	9.45	
Lopez, Frank	9.50	
Moore, Sean	9.50	
Ragsdale, Kirt	9.41	
Rodriguez, Jesus (Jesse)	9.40	
Sanchez, Arthur	9.42	
Sanchez, Christopher	9.43	
Trevino, Robert	9.43	
MAXIMUM	9.52	
MINIMUM	9.39	
RANGE(MAX-MIN)	0.130	
MEAN	9.447	
STANDARD DEVIATION	0.100	
N SIZE	19.000	

Part ID= VOPB - OIL PAN BFL SLUDGE

VOPB YI Values

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

Rater	TOTALS	
Aguirre, Nancy P	0.23	
Allen, Duane	-0.17	
Andiloro, Marcello	-0.47	
Austin, Philip	1.33	
Barrera, Tony	0.73	
Burk, Stephen	0.53	
Cales, Jonathon	-0.77	
Caproni, David	-0.47	
Chalkley Jr, Gerald	-0.77	
DeCapite, Vanessa	-0.57	
Dominguez, Lucio	0.03	
Lonsway, Chris	0.03	
Lopez, Frank	0.53	
Moore, Sean	0.53	
Ragsdale, Kirt	-0.37	
Rodriguez, Jesus (Jesse)	-0.47	
Sanchez, Arthur	-0.27	
Sanchez, Christopher	-0.17	
Trevino, Robert	-0.17	
MAXIMUM	0.73	
MINIMUM	0.03	
RANGE(MAX-MIN)	0.700	
MEAN	0.000	
STANDARD DEVIATION	0.427	
N SIZE	19.000	

Lab Raters (Mar. 6-10, 2023)

Rater= Aguirre, Nancy P

YI Values

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

PartID	G1TOT	G2TOT	G3TOT	USTOT	L1TOT	L2TOT	L3TOT	TGF	SGF	TLHC	UCMERI	L4TOT	AGF
A1-KEYSTONE	0.16	-1.25	1.92	0.87	-0.13	-1.33	-0.82	-0.05	-0.31	0.00			
A2-KEYSTONE	0.32	-0.14	1.50	1.60	-2.12	-0.83	1.59	-0.33	1.15	0.00			
A3-KEYSTONE	0.00	-1.59	0.51	1.19	-1.54	-0.67	1.44	1.41	-0.82	0.00			
A4-KEYSTONE											0.81		
A5-C13-STYLE	0.59	0.88	-0.61		-0.62	-0.81	-1.24	0.92	0.33	-0.44		0.18	0.32
A6-C13-STYLE													
A7-C13-STYLE													
A8-C13-STYLE											0.00		
MAXIMUM	0.59	-1.59	1.92	1.60	-2.12	-1.33	1.59	1.41	1.15	-0.44	0.81	0.18	0.32
MINIMUM	0.00	-0.14	0.51	0.87	-0.13	-0.67	-0.82	-0.05	-0.31	0.00	0.00	0.18	0.32
RANGE(MAX-MIN)	0.590	-1.450	1.410	0.730	-1.990	-0.660	2.410	1.460	1.460	-0.440	0.810	0.000	0.000
MEAN	0.268	-0.525	0.830	1.220	-1.103	-0.910	0.243	0.488	0.088	-0.110	0.000	0.000	0.000
STANDARD DEVIATION	0.252	1.123	1.127	0.366	0.895	0.289	1.481	0.816	0.850	0.220	0.000	0.100	0.100

Lab Raters (Mar. 6-10, 2023)

Rater= Aguirre, Nancy P

YI Values

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

PartID	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	FRTOT	RRTOT	UCMERI	THTOT	ATTOT
B1-SEQUENCE IIIH PISTON	1.43	0.01	-0.10	1.05	-0.06				-0.17	-0.14
B2-SEQUENCE IIIH PISTON	0.20	-0.01	-1.29	1.44	0.15				-0.12	-0.11
B3-SEQUENCE IIIH PISTON	0.92	0.13	-0.60	1.38	0.30				-0.07	-0.07
B4-SEQUENCE IIIH PISTON								-0.11		
B5-GMOD PISTON	0.92	0.79	-0.18	0.29	-1.12				-1.39	-0.92
B6-GMOD PISTON	-0.24	-0.17	-0.54	-0.02	0.61				0.20	-0.16
B7-GMOD PISTON										
B8-GMOD PISTON								-0.11		
MAXIMUM	1.43	0.79	-1.29	1.44	-1.12			-0.11	-1.39	-0.92
MINIMUM	0.20	0.01	-0.10	-0.02	-0.06			-0.11	-0.07	-0.07
RANGE(MAX-MIN)	1.230	0.780	-1.190	1.460	-1.060			0.000	-1.320	-0.850
MEAN	0.646	0.150	-0.542	0.828	-0.024			-0.110	-0.310	-0.280
STANDARD DEVIATION	0.661	0.373	0.472	0.659	0.659			0.100	0.620	0.359

Lab Raters (Mar. 6-10, 2023)

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							
MAXIMUM							
MINIMUM							
RANGE(MAX-MIN)							
MEAN							
STANDARD DEVIATION							

Lab Raters (Mar. 6-10, 2023)

Rater= Aguirre, Nancy P

YI Values

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

PartID	TOTALS	
ISMOP-ISM OIL PAN	1.29	
ISMRC-ISM ROCKER COVER	1.63	
VOP-OIL PAN SLUDGE	0.72	
VOPB-OIL PAN BFL SLUDGE	0.23	
VRCBL-RC BFL SLUDGE L	-0.99	
VRCBR-RC BFL SLUDGE R	-0.23	
VRCL-RC SLUDGE L	-0.07	
VRCL-RC SLUDGE R	-0.28	
VTCC-TC CVR SLUDGE	0.99	
VVDL-VALVE DECK SLUDGE L	0.36	
VVDR-VALVE DECK SLUDGE R	0.72	
MAXIMUM	1.63	
MINIMUM	-0.07	
RANGE(MAX-MIN)	1.700	
MEAN	0.397	
STANDARD DEVIATION	0.768	

Lab Raters (Mar. 6-10, 2023)

Rater= Aguirre, Nancy P

YI Values

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

PartID	P1MERI	P2MERI	P3MERI	P4MERI	P5MERI	P6MERI	P7MERI	P8MERI	AVERAG	
Q1-8-SEQ. VH PISTONS	-0.14	0.57	1.19	0.79	0.19	0.19	1.03	0.13		
R1-8-SEQ. VH PISTONS	-0.52	0.02	0.70	1.41	0.86	0.57	0.95	0.28		
S1-8-SEQ. VH PISTONS	-0.49	0.23	-0.07	0.86	0.44	-0.23	0.81	0.46		
VRCBVL-RC BFL VARN L									0.39	
VRCBVR-RC BFL VARN R									-0.11	
MAXIMUM	-0.52	0.57	1.19	1.41	0.86	0.57	1.03	0.46	0.39	
MINIMUM	-0.14	0.02	-0.07	0.79	0.19	0.19	0.81	0.13	-0.11	
RANGE(MAX-MIN)	-0.380	0.550	1.260	0.620	0.670	0.380	0.220	0.330	0.500	
MEAN	-0.383	0.273	0.607	1.020	0.497	0.177	0.930	0.290	-0.110	
STANDARD DEVIATION	0.211	0.278	0.635	0.340	0.339	0.400	0.111	0.165	0.000	

Lab Raters (Mar. 6-10, 2023)

Rater= Barrera, Tony

YI Values

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

PartID	G1TOT	G2TOT	G3TOT	USTOT	L1TOT	L2TOT	L3TOT	TGF	SGF	TLHC	UCMERI	L4TOT	AGF
A1-KEYSTONE	-1.11	-0.71	0.12	0.27	-1.95	0.57	-0.25	-1.03	1.27	0.00			
A2-KEYSTONE	-1.27	1.09	0.66	1.12	0.11	1.95	-0.08	-0.33	-0.17	0.00			
A3-KEYSTONE	0.00	0.97	0.78	0.43	0.25	1.68	-1.98	0.00	2.13	0.00			
A4-KEYSTONE											0.96		
A5-C13-STYLE	0.97	0.73	1.89		0.75	-0.81	-1.31	1.07	0.33	0.12		0.22	0.13
A6-C13-STYLE	2.04	-0.27	-0.10		-0.54	-0.02	-1.14	-1.43	-0.85	-0.72		-1.00	1.27
A7-C13-STYLE	1.11	0.39	0.45		-0.57	-0.08	-1.41	0.99	-0.94	-0.30		-0.78	1.97
A8-C13-STYLE											0.00		
MAXIMUM	2.04	1.09	1.89	1.12	-1.95	1.95	-1.98	-1.43	2.13	-0.72	0.96	-1.00	1.97
MINIMUM	0.00	-0.27	-0.10	0.27	0.11	-0.02	-0.08	0.00	-0.17	0.00	0.00	0.22	0.13
RANGE(MAX-MIN)	2.040	1.360	1.990	0.850	-2.060	1.970	-1.900	-1.430	2.300	-0.720	0.960	-1.220	1.840
MEAN	0.290	0.367	0.633	0.607	-0.325	0.548	-1.028	-0.122	0.295	-0.150	0.000	-0.520	1.123
STANDARD DEVIATION	1.317	0.719	0.698	0.452	0.940	1.078	0.728	1.025	1.214	0.312	0.000	0.650	0.929

Lab Raters (Mar. 6-10, 2023)

Rater= Barrera, Tony

YI Values

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

PartID	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	FRTOT	RRTOT	UCMERI	THTOT	ATTOT
B1-SEQUENCE IIIH PISTON	-0.30	0.01	0.00	-0.60	-0.06				0.63	0.66
B2-SEQUENCE IIIH PISTON	-0.30	-0.01	0.11	-0.05	0.32				0.38	0.39
B3-SEQUENCE IIIH PISTON	-0.38	-0.17	0.10	1.16	0.47				0.53	0.53
B4-SEQUENCE IIIH PISTON								2.10		
B5-GMOD PISTON	-0.38	-0.71	0.68	1.02	-0.55				-0.09	-0.32
B6-GMOD PISTON	-0.34	0.62	0.86	0.18	0.31				0.20	0.04
B7-GMOD PISTON	-0.41	0.05	0.60	1.37	-0.10				0.18	0.16
B8-GMOD PISTON								0.19		
MAXIMUM	-0.41	-0.71	0.86	1.37	-0.55			2.10	0.63	0.66
MINIMUM	-0.30	0.01	0.00	-0.05	-0.06			0.19	-0.09	0.04
RANGE(MAX-MIN)	-0.110	-0.720	0.860	1.420	-0.490			1.910	0.720	0.620
MEAN	-0.352	-0.035	0.392	0.513	0.065			0.190	0.305	0.243
STANDARD DEVIATION	0.100	0.427	0.364	0.784	0.377			0.000	0.263	0.359

Lab Raters (Mar. 6-10, 2023)

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	-1.62	-1.02	-0.07	-1.25	-1.59	-2.19	
K1-6-C13 2ND RING CARBON	-1.25	-1.04	-1.47	-0.93	-0.58	-0.27	
L1-6-C13 2ND RING CARBON	-1.71	-1.08	-1.50	-1.02	0.96	-0.08	
MAXIMUM	-1.71	-1.08	-1.50	-1.25	-1.59	-2.19	
MINIMUM	-1.25	-1.02	-0.07	-0.93	-0.58	-0.08	
RANGE(MAX-MIN)	-0.460	-0.060	-1.430	-0.320	-1.010	-2.110	
MEAN	-1.527	-1.047	-1.013	-1.067	-0.403	-0.847	
STANDARD DEVIATION	0.244	0.100	0.817	0.165	1.284	1.167	

Lab Raters (Mar. 6-10, 2023)

Rater= Barrera, Tony

YI Values

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

PartID	P1MERI	P2MERI	P3MERI	P4MERI	P5MERI	P6MERI	P7MERI	P8MERI	AVERAG	
Q1-8-SEQ. VH PISTONS	0.26	0.24	0.45	1.19	1.12	0.45	0.90	0.53		
R1-8-SEQ. VH PISTONS	1.86	1.28	1.60	0.87	1.25	1.55	0.78	1.68		
S1-8-SEQ. VH PISTONS	0.01	-0.27	-0.47	1.06	-0.46	0.37	0.51	-0.34		
VRCBVL-RC BFL VARN L									0.59	
VRCBVR-RC BFL VARN R									0.39	
MAXIMUM	1.86	1.28	1.60	1.19	1.25	1.55	0.90	1.68	0.59	
MINIMUM	0.01	0.24	0.45	0.87	-0.46	0.37	0.51	-0.34	0.39	
RANGE(MAX-MIN)	1.850	1.040	1.150	0.320	1.710	1.180	0.390	2.020	0.200	
MEAN	0.710	0.417	0.527	1.040	0.637	0.790	0.730	0.623	0.390	
STANDARD DEVIATION	1.004	0.790	1.037	0.161	0.952	0.659	0.200	1.013	0.000	

Lab Raters (Mar. 6-10, 2023)

Rater= Barrera, Tony

YI Values

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

PartID	TOTALS	
ISMOP-ISM OIL PAN	0.49	
ISMRC-ISM ROCKER COVER	1.03	
VOP-OIL PAN SLUDGE	0.52	
VOPB-OIL PAN BFL SLUDGE	0.73	
VRCBL-RC BFL SLUDGE L	0.81	
VRCBR-RC BFL SLUDGE R	0.27	
VRCL-RC SLUDGE L	0.83	
VRCL-RC SLUDGE R	1.22	
VTCC-TC CVR SLUDGE	1.29	
VVDL-VALVE DECK SLUDGE L	1.16	
VVDR-VALVE DECK SLUDGE R	1.12	
MAXIMUM	1.29	
MINIMUM	0.27	
RANGE(MAX-MIN)	1.020	
MEAN	0.861	
STANDARD DEVIATION	0.335	

Lab Raters (Mar. 6-10, 2023)

Rater= DeCapite, Vanessa

YI Values

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

PartID	G1TOT	G2TOT	G3TOT	USTOT	L1TOT	L2TOT	L3TOT	TGF	SGF	TLHC	UCMERI	L4TOT	AGF
A1-KEYSTONE	-0.39	1.43	-0.65	-0.63	0.19	1.19	0.45	-0.05	-0.70	0.00			
A2-KEYSTONE	1.90	-0.87	-1.12	-0.03	-1.05	1.06	-0.20	-1.83	1.37	0.00			
A3-KEYSTONE	0.00	0.46	-0.59	-0.93	0.01	-0.27	-0.78	-1.41	-0.63	0.00			
A4-KEYSTONE											0.76		
A5-C13-STYLE	-0.92	0.71	-1.52		1.19	1.73	-0.69	0.15	-1.17	0.68		-2.01	1.28
A6-C13-STYLE	-1.35	0.75	-0.80		0.05	2.27	1.55	-0.24	-0.85	1.37		-1.00	-1.10
A7-C13-STYLE	-1.00	1.61	-1.72		1.10	2.24	-0.21	0.44	-0.94	1.48		-1.08	0.76
A8-C13-STYLE											0.00		
MAXIMUM	1.90	1.61	-1.72	-0.93	1.19	2.27	1.55	-1.83	1.37	1.48	0.76	-2.01	1.28
MINIMUM	0.00	0.46	-0.59	-0.03	0.01	-0.27	-0.20	-0.05	-0.63	0.00	0.00	-1.00	0.76
RANGE(MAX-MIN)	1.900	1.150	-1.130	-0.900	1.180	2.540	1.750	-1.780	2.000	1.480	0.760	-1.010	0.520
MEAN	-0.293	0.682	-1.067	-0.530	0.248	1.370	0.020	-0.490	-0.487	0.588	0.000	-1.363	0.313
STANDARD DEVIATION	1.176	0.881	0.471	0.458	0.824	0.950	0.868	0.914	0.929	0.700	0.000	0.561	1.251

Lab Raters (Mar. 6-10, 2023)

Rater= DeCapite, Vanessa

YI Values

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

PartID	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	FRTOT	RRTOT	UCMERI	THTOT	ATTOT
B1-SEQUENCE IIIH PISTON	-1.21	0.01	0.00	0.20	-0.06				0.03	0.06
B2-SEQUENCE IIIH PISTON	-0.96	-0.01	0.11	-0.33	-1.22				0.08	0.09
B3-SEQUENCE IIIH PISTON	0.00	-0.17	0.10	-0.28	-1.81				0.13	0.13
B4-SEQUENCE IIIH PISTON								-0.72		
B5-GMOD PISTON	-1.08	-0.61	-0.28	1.76	-0.48				0.41	0.68
B6-GMOD PISTON	-0.34	-2.09	-0.24	-0.02	-0.29				0.40	0.44
B7-GMOD PISTON	-0.51	-1.25	-0.70	0.75	0.40				0.68	0.56
B8-GMOD PISTON								-0.41		
MAXIMUM	-1.21	-2.09	-0.70	1.76	-1.81			-0.72	0.68	0.68
MINIMUM	0.00	0.01	0.00	-0.02	-0.06			-0.41	0.03	0.06
RANGE(MAX-MIN)	-1.210	-2.100	-0.700	1.780	-1.750			-0.310	0.650	0.620
MEAN	-0.683	-0.687	-0.168	0.347	-0.577			-0.720	0.288	0.327
STANDARD DEVIATION	0.475	0.837	0.309	0.796	0.806			0.000	0.251	0.268

Lab Raters (Mar. 6-10, 2023)

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	1.35	0.60	0.69	1.47	-0.50	0.06	
K1-6-C13 2ND RING CARBON	0.29	1.17	1.49	2.03	1.47	-1.50	
L1-6-C13 2ND RING CARBON	1.48	1.59	1.43	2.01	1.39	1.88	
MAXIMUM	1.48	1.59	1.49	2.03	1.47	1.88	
MINIMUM	0.29	0.60	0.69	1.47	-0.50	0.06	
RANGE(MAX-MIN)	1.190	0.990	0.800	0.560	1.970	1.820	
MEAN	1.040	1.120	1.203	1.837	0.787	0.147	
STANDARD DEVIATION	0.653	0.497	0.446	0.318	1.115	1.692	

Lab Raters (Mar. 6-10, 2023)

Rater= DeCapite, Vanessa

YI Values

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

PartID	P1MERI	P2MERI	P3MERI	P4MERI	P5MERI	P6MERI	P7MERI	P8MERI	AVERAG	
Q1-8-SEQ. VH PISTONS	0.19	0.17	0.52	1.12	-0.01	-1.21	0.16	0.40		
R1-8-SEQ. VH PISTONS	-0.52	-0.57	-0.40	-0.40	0.07	-0.89	-0.22	-0.82		
S1-8-SEQ. VH PISTONS	0.31	0.13	0.23	0.76	0.74	1.31	-0.09	0.46		
VRCBVL-RC BFL VARN L									-0.11	
VRCBVR-RC BFL VARN R									0.39	
MAXIMUM	-0.52	-0.57	0.52	1.12	0.74	1.31	-0.22	-0.82	0.39	
MINIMUM	0.19	0.13	0.23	-0.40	-0.01	-0.89	-0.09	0.40	-0.11	
RANGE(MAX-MIN)	-0.710	-0.700	0.290	1.520	0.750	2.200	-0.130	-1.220	0.500	
MEAN	-0.007	-0.090	0.117	0.493	0.267	-0.263	-0.050	0.013	-0.110	
STANDARD DEVIATION	0.449	0.416	0.470	0.794	0.412	1.372	0.193	0.722	0.000	

Lab Raters (Mar. 6-10, 2023)

Rater= DeCapite, Vanessa

YI Values

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

PartID	TOTALS	
ISMOP-ISM OIL PAN	-0.91	
ISMRC-ISM ROCKER COVER	-0.47	
VOP-OIL PAN SLUDGE	-0.08	
VOPB-OIL PAN BFL SLUDGE	-0.57	
VRCBL-RC BFL SLUDGE L	-1.39	
VRCBR-RC BFL SLUDGE R	0.87	
VRCL-RC SLUDGE L	0.03	
VRCL-RC SLUDGE R	-0.58	
VTCC-TC CVR SLUDGE	-0.31	
VVDL-VALVE DECK SLUDGE L	0.06	
VVDR-VALVE DECK SLUDGE R	-0.18	
MAXIMUM	-1.39	
MINIMUM	0.03	
RANGE(MAX-MIN)	-1.420	
MEAN	-0.321	
STANDARD DEVIATION	0.584	

Lab Raters (Mar. 6-10, 2023)

Rater= Dominguez, Lucio

YI Values

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

PartID	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	FRTOT	RRTOT	UCMERI	THTOT	ATTOT
B1-SEQUENCE IIIH PISTON	-0.05	0.01	0.00	-0.43	-0.76				-0.27	-0.24
B2-SEQUENCE IIIH PISTON	-0.88	-0.01	0.11	-1.45	-0.52				-0.32	-0.21
B3-SEQUENCE IIIH PISTON	-0.87	0.13	-0.20	-1.86	-0.24				-0.17	-0.27
B4-SEQUENCE IIIH PISTON								0.56		
B5-GMOD PISTON	0.62	-0.21	-1.53	-0.38	-1.48				-0.59	-0.42
B6-GMOD PISTON	0.26	-0.29	-0.84	-0.02	-0.39				-0.70	-0.86
B7-GMOD PISTON	-0.11	-0.15	-0.30	-0.73	-0.20				-0.82	-0.94
B8-GMOD PISTON								-0.81		
MAXIMUM	-0.88	-0.29	-1.53	-1.86	-1.48			-0.81	-0.82	-0.94
MINIMUM	-0.05	0.01	0.00	-0.02	-0.20			0.56	-0.17	-0.21
RANGE(MAX-MIN)	-0.830	-0.300	-1.530	-1.840	-1.280			-1.370	-0.650	-0.730
MEAN	-0.172	-0.087	-0.460	-0.812	-0.598			-0.810	-0.478	-0.490
STANDARD DEVIATION	0.604	0.157	0.620	0.703	0.478			0.000	0.261	0.327

Lab Raters (Mar. 6-10, 2023)

Rater= Dominguez, Lucio

YI Values

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

PartID	G1TOT	G2TOT	G3TOT	USTOT	L1TOT	L2TOT	L3TOT	TGF	SGF	TLHC	UCMERI	L4TOT	AGF
A1-KEYSTONE	1.24	1.43	-1.03	0.67	-0.94	1.19	0.45	0.43	0.88	0.00			
A2-KEYSTONE	-0.48	-0.14	0.66	0.52	-0.04	0.55	1.04	1.17	-0.83	0.00			
A3-KEYSTONE	0.00	1.11	-1.59	-0.22	0.18	-0.45	0.03	0.00	-0.27	0.00			
A4-KEYSTONE											0.42		
A5-C13-STYLE	1.40	-0.61	0.60		0.21	0.19	0.45	-0.15	0.33	-1.55		0.89	-0.64
A6-C13-STYLE	0.22	-0.28	0.25		0.10	0.35	-0.02	0.00	0.28	-1.76		1.00	-0.42
A7-C13-STYLE	0.94	-0.10	1.35		-0.13	0.07	-0.11	0.25	0.94	-1.48		-0.18	-0.46
A8-C13-STYLE											0.00		
MAXIMUM	1.40	1.43	-1.59	0.67	-0.94	1.19	1.04	1.17	0.94	-1.76	0.42	1.00	-0.64
MINIMUM	0.00	-0.10	0.25	-0.22	-0.04	0.07	-0.02	0.00	-0.27	0.00	0.00	-0.18	-0.42
RANGE(MAX-MIN)	1.400	1.530	-1.840	0.890	-0.900	1.120	1.060	1.170	1.210	-1.760	0.420	1.180	-0.220
MEAN	0.553	0.235	0.040	0.323	-0.103	0.317	0.307	0.283	0.222	-0.798	0.000	0.570	-0.507
STANDARD DEVIATION	0.751	0.828	1.119	0.476	0.430	0.545	0.433	0.481	0.680	0.879	0.000	0.652	0.117

Lab Raters (Mar. 6-10, 2023)

Rater= Dominguez, Lucio

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	0.36	1.25	0.94	0.11	-0.66	0.41	
K1-6-C13 2ND RING CARBON	0.62	0.82	0.49	0.11	1.29	1.54	
L1-6-C13 2ND RING CARBON	0.54	-1.39	1.06	0.40	0.56	-0.43	
MAXIMUM	0.62	-1.39	1.06	0.40	1.29	1.54	
MINIMUM	0.36	0.82	0.49	0.11	0.56	0.41	
RANGE(MAX-MIN)	0.260	-2.210	0.570	0.290	0.730	1.130	
MEAN	0.507	0.227	0.830	0.207	0.397	0.507	
STANDARD DEVIATION	0.133	1.416	0.300	0.167	0.985	0.989	

Lab Raters (Mar. 6-10, 2023)

Rater= Dominguez, Lucio

YI Values

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

PartID	P1MERI	P2MERI	P3MERI	P4MERI	P5MERI	P6MERI	P7MERI	P8MERI	AVERAG	
Q1-8-SEQ. VH PISTONS	-0.07	-0.03	-0.81	-0.48	-0.28	-0.08	-0.70	-0.20		
R1-8-SEQ. VH PISTONS	-1.28	-1.41	-1.30	-1.73	0.23	0.22	0.34	-0.42		
S1-8-SEQ. VH PISTONS	0.31	0.03	-0.07	-0.04	0.04	0.20	-0.39	-0.14		
VRCBVL-RC BFL VARN L									-0.41	
VRCBVR-RC BFL VARN R									-0.91	
MAXIMUM	-1.28	-1.41	-1.30	-1.73	-0.28	0.22	-0.70	-0.42	-0.91	
MINIMUM	-0.07	-0.03	-0.07	-0.04	0.04	-0.08	0.34	-0.14	-0.41	
RANGE(MAX-MIN)	-1.210	-1.380	-1.230	-1.690	-0.320	0.300	-1.040	-0.280	-0.500	
MEAN	-0.347	-0.470	-0.727	-0.750	-0.003	0.113	-0.250	-0.253	-0.910	
STANDARD DEVIATION	0.830	0.815	0.619	0.877	0.258	0.168	0.534	0.147	0.000	

Lab Raters (Mar. 6-10, 2023)

Rater= Dominguez, Lucio

YI Values

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

PartID	TOTALS	
ISMOP-ISM OIL PAN	1.79	
ISMRC-ISM ROCKER COVER	0.13	
VOP-OIL PAN SLUDGE	-0.38	
VOPB-OIL PAN BFL SLUDGE	0.03	
VRCBL-RC BFL SLUDGE L	-0.29	
VRCBR-RC BFL SLUDGE R	-0.73	
VRCL-RC SLUDGE L	-0.37	
VRCL-RC SLUDGE R	-0.48	
VTCC-TC CVR SLUDGE	0.19	
VVDL-VALVE DECK SLUDGE L	-0.14	
VVDR-VALVE DECK SLUDGE R	-0.58	
MAXIMUM	1.79	
MINIMUM	0.03	
RANGE(MAX-MIN)	1.760	
MEAN	-0.262	
STANDARD DEVIATION	0.308	

Lab Raters (Mar. 6-10, 2023)

Rater= Lopez, Frank

YI Values

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

PartID	G1TOT	G2TOT	G3TOT	USTOT	L1TOT	L2TOT	L3TOT	TGF	SGF	TLHC	UCMERI	L4TOT	AGF
A1-KEYSTONE	-1.47	0.89	0.83	0.77	1.62	-0.32	0.07	2.13	0.88	0.00			
A2-KEYSTONE	-1.27	-2.09	-0.29	-0.57	0.49	-0.82	0.67	-0.33	0.05	0.00			
A3-KEYSTONE	0.00	-1.28	-1.14	0.72	0.98	-0.08	-0.51	1.41	0.84	0.00			
A4-KEYSTONE											0.62		
A5-C13-STYLE	-1.88	0.67	-0.26		-1.72	-1.02	-0.69	-1.22	-1.17	-0.99		-1.03	-0.45
A6-C13-STYLE	-0.04	-2.11	-1.18		2.25	-0.54	1.18	-1.19	-0.85	-0.20		-1.00	0.76
A7-C13-STYLE	-1.45	1.25	0.12		1.90	-1.12	-0.11	-0.49	-0.94	-0.30		-0.09	0.03
A8-C13-STYLE											0.00		
MAXIMUM	-1.88	-2.11	-1.18	0.77	2.25	-1.12	1.18	2.13	-1.17	-0.99	0.62	-1.03	0.76
MINIMUM	0.00	0.67	0.12	-0.57	0.49	-0.08	0.07	-0.33	0.05	0.00	0.00	-0.09	0.03
RANGE(MAX-MIN)	-1.880	-2.780	-1.300	1.340	1.760	-1.040	1.110	2.460	-1.220	-0.990	0.620	-0.940	0.730
MEAN	-1.018	-0.445	-0.320	0.307	0.920	-0.650	0.102	0.052	-0.198	-0.248	0.000	-0.707	0.113
STANDARD DEVIATION	0.799	1.554	0.766	0.760	1.441	0.408	0.712	1.397	0.919	0.385	0.000	0.534	0.609

Lab Raters (Mar. 6-10, 2023)

Rater= Lopez, Frank

YI Values

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

PartID	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	FRTOT	RRTOT	UCMERI	THTOT	ATTOT
B1-SEQUENCE IIIH PISTON	1.51	-0.09	0.00	-0.71	-0.86				-0.17	-0.14
B2-SEQUENCE IIIH PISTON	2.03	-0.31	0.11	-1.49	-1.06				-0.12	-0.11
B3-SEQUENCE IIIH PISTON	1.90	-0.17	0.10	-0.95	-0.89				-0.17	-0.07
B4-SEQUENCE IIIH PISTON								0.42		
B5-GMOD PISTON	-1.88	-1.31	0.40	-1.11	0.66				0.41	0.38
B6-GMOD PISTON	-0.44	0.03	0.96	-0.02	0.31				-0.60	0.24
B7-GMOD PISTON	-0.31	0.15	0.70	-0.96	-0.10				-0.32	0.06
B8-GMOD PISTON								0.09		
MAXIMUM	2.03	-1.31	0.96	-1.49	-1.06			0.42	-0.60	0.38
MINIMUM	-0.31	0.03	0.00	-0.02	-0.10			0.09	-0.12	0.06
RANGE(MAX-MIN)	2.340	-1.340	0.960	-1.470	-0.960			0.330	-0.480	0.320
MEAN	0.468	-0.283	0.378	-0.873	-0.323			0.090	-0.162	0.060
STANDARD DEVIATION	1.582	0.527	0.383	0.491	0.717			0.000	0.330	0.210

Lab Raters (Mar. 6-10, 2023)

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	0.36	-1.02	-2.10	-0.57	1.40	0.58
K1-6-C13 2ND RING CARBON	-0.80	-1.36	-0.97	-0.77	-1.22	0.24
L1-6-C13 2ND RING CARBON	-0.33	0.29	0.02	-0.59	-1.02	0.15
MAXIMUM	-0.80	-1.36	-2.10	-0.77	1.40	0.58
MINIMUM	-0.33	0.29	0.02	-0.57	-1.02	0.15
RANGE(MAX-MIN)	-0.470	-1.650	-2.120	-0.200	2.420	0.430
MEAN	-0.257	-0.697	-1.017	-0.643	-0.280	0.323
STANDARD DEVIATION	0.583	0.871	1.061	0.110	1.458	0.227

Lab Raters (Mar. 6-10, 2023)

Rater= Lopez, Frank

YI Values

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

PartID	P1MERI	P2MERI	P3MERI	P4MERI	P5MERI	P6MERI	P7MERI	P8MERI	AVERAG	
Q1-8-SEQ. VH PISTONS	0.39	0.70	0.65	-1.15	0.45	0.25	-0.30	0.27		
R1-8-SEQ. VH PISTONS	0.78	0.27	0.10	1.11	0.54	0.29	0.34	-1.12		
S1-8-SEQ. VH PISTONS	0.31	-0.07	0.63	-1.34	0.24	0.97	-0.29	-0.24		
VRCBVL-RC BFL VARN L									-0.21	
VRCBVR-RC BFL VARN R									0.89	
MAXIMUM	0.78	0.70	0.65	-1.34	0.54	0.97	0.34	-1.12	0.89	
MINIMUM	0.31	-0.07	0.10	1.11	0.24	0.25	-0.29	-0.24	-0.21	
RANGE(MAX-MIN)	0.470	0.770	0.550	-2.450	0.300	0.720	0.630	-0.880	1.100	
MEAN	0.493	0.300	0.460	-0.460	0.410	0.503	-0.083	-0.363	-0.210	
STANDARD DEVIATION	0.251	0.386	0.312	1.363	0.154	0.405	0.367	0.703	0.000	

Lab Raters (Mar. 6-10, 2023)

Rater= Lopez, Frank

YI Values

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

PartID	TOTALS	
ISMOP-ISM OIL PAN	-0.41	
ISMRC-ISM ROCKER COVER	-0.47	
VOP-OIL PAN SLUDGE	0.22	
VOPB-OIL PAN BFL SLUDGE	0.53	
VRCBL-RC BFL SLUDGE L	0.71	
VRCBR-RC BFL SLUDGE R	0.37	
VRCL-RC SLUDGE L	-0.07	
VRCL-RC SLUDGE R	0.22	
VTCC-TC CVR SLUDGE	0.39	
VVDL-VALVE DECK SLUDGE L	-0.64	
VVDR-VALVE DECK SLUDGE R	-0.78	
MAXIMUM	-0.78	
MINIMUM	-0.07	
RANGE(MAX-MIN)	-0.710	
MEAN	0.006	
STANDARD DEVIATION	0.508	

Lab Raters (Mar. 6-10, 2023)

Rater= Ragsdale, Kirt

YI Values

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

PartID	G1TOT	G2TOT	G3TOT	USTOT	L1TOT	L2TOT	L3TOT	TGF	SGF	TLHC	UCMERI	L4TOT	AGF	
A1-KEYSTONE	1.64	-0.18	-0.20	0.07	0.11	0.69	0.39	0.67	0.88	0.00				
A2-KEYSTONE	0.63	0.11	-1.65	-0.03	0.66	-0.13	-1.24	1.17	-1.27	0.00				
A3-KEYSTONE	0.00	0.33	-0.13	1.48	-1.26	1.47	0.63	0.00	-1.00	0.00				
A4-KEYSTONE											-1.19			
A5-C13-STYLE	0.38	-0.67	0.17		-0.29	0.36	0.72	-1.98	0.33	-0.44		0.83	1.67	
A6-C13-STYLE	-0.93	1.28	1.72		-0.17	-0.73	-1.05	0.24	1.41	0.85		0.91	0.93	
A7-C13-STYLE	-1.03	-1.01	-0.90		-0.78	0.19	-0.15	-0.73	0.94	0.89		1.11	0.03	
A8-C13-STYLE											0.00			
MAXIMUM	1.64	1.28	1.72	1.48	-1.26	1.47	-1.24	-1.98	1.41	0.89	-1.19	1.11	1.67	
MINIMUM	0.00	0.11	-0.13	-0.03	0.11	-0.13	-0.15	0.00	0.33	0.00	0.00	0.83	0.03	
RANGE(MAX-MIN)	1.640	1.170	1.850	1.510	-1.370	1.600	-1.090	-1.980	1.080	0.890	-1.190	0.280	1.640	
MEAN	0.115	-0.023	-0.165	0.507	-0.288	0.308	-0.117	-0.105	0.215	0.217	-1.190	0.950	0.877	
STANDARD DEVIATION	1.008	0.807	1.133	0.844	0.672	0.746	0.854	1.119	1.104	0.534	0.000	0.144	0.821	

Lab Raters (Mar. 6-10, 2023)

Rater= Ragsdale, Kirt

YI Values

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

PartID	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	FRTOT	RRTOT	UCMERI	THTOT	ATTOT
B1-SEQUENCE IIIH PISTON	-1.29	0.01	0.00	1.45	2.24				-0.17	-0.14
B2-SEQUENCE IIIH PISTON	-0.30	0.39	0.11	-0.09	2.06				-0.12	-0.11
B3-SEQUENCE IIIH PISTON	0.54	0.73	0.10	0.48	0.51				-0.07	-0.07
B4-SEQUENCE IIIH PISTON								-1.18		
B5-GMOD PISTON	0.32	0.09	-1.05	-0.60	0.59				-0.59	-1.72
B6-GMOD PISTON	0.36	1.70	-1.24	-0.02	-0.49				-0.10	-0.26
B7-GMOD PISTON	-0.61	-0.35	0.20	0.05	-0.60				-0.82	-0.94
B8-GMOD PISTON								-0.51		
MAXIMUM	-1.29	1.70	-1.24	1.45	2.24			-1.18	-0.82	-1.72
MINIMUM	-0.30	0.01	0.00	-0.02	-0.49			-0.51	-0.07	-0.07
RANGE(MAX-MIN)	-0.990	1.690	-1.240	1.470	2.730			-0.670	-0.750	-1.650
MEAN	-0.163	0.428	-0.313	0.212	0.718			-1.180	-0.312	-0.540
STANDARD DEVIATION	0.706	0.722	0.650	0.698	1.214			0.000	0.315	0.663

Lab Raters (Mar. 6-10, 2023)

Rater= Ragsdale, Kirt

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	0.65	0.93	0.43	12.34	0.10	0.50
K1-6-C13 2ND RING CARBON	0.23	0.82	-0.01	0.07	-0.44	0.07
L1-6-C13 2ND RING CARBON	0.39	0.07	-0.72	-0.57	-0.96	-1.35
MAXIMUM	0.65	0.93	-0.72	12.34	-0.96	-1.35
MINIMUM	0.23	0.07	-0.01	0.07	0.10	0.07
RANGE(MAX-MIN)	0.420	0.860	-0.710	12.270	-1.060	-1.420
MEAN	0.423	0.607	-0.100	3.947	-0.433	-0.260
STANDARD DEVIATION	0.212	0.468	0.580	7.276	0.530	0.968

Lab Raters (Mar. 6-10, 2023)

Rater= Ragsdale, Kirt

YI Values

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

PartID	P1MERI	P2MERI	P3MERI	P4MERI	P5MERI	P6MERI	P7MERI	P8MERI	AVERAG	
Q1-8-SEQ. VH PISTONS	-0.74	-1.43	-1.01	-1.01	-0.35	-2.01	-1.57	-0.87		
R1-8-SEQ. VH PISTONS	-0.58	-0.23	-0.40	-0.34	-1.50	-1.72	-1.72	-0.12		
S1-8-SEQ. VH PISTONS	-0.19	0.03	-0.37	-0.84	-0.86	-2.19	-0.99	-1.54		
VRCBVL-RC BFL VARN L									-0.11	
VRCBVR-RC BFL VARN R									0.09	
MAXIMUM	-0.74	-1.43	-1.01	-1.01	-1.50	-2.19	-1.72	-1.54	-0.11	
MINIMUM	-0.19	0.03	-0.37	-0.34	-0.35	-1.72	-0.99	-0.12	0.09	
RANGE(MAX-MIN)	-0.550	-1.460	-0.640	-0.670	-1.150	-0.470	-0.730	-1.420	-0.200	
MEAN	-0.503	-0.543	-0.593	-0.730	-0.903	-1.973	-1.427	-0.843	-0.110	
STANDARD DEVIATION	0.283	0.779	0.361	0.348	0.576	0.237	0.386	0.710	0.000	

Lab Raters (Mar. 6-10, 2023)

Rater= Ragsdale, Kirt

YI Values

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

PartID	TOTALS	
ISMOP-ISM OIL PAN	-0.81	
ISMRC-ISM ROCKER COVER	-0.07	
VOP-OIL PAN SLUDGE	-0.38	
VOPB-OIL PAN BFL SLUDGE	-0.37	
VRCBL-RC BFL SLUDGE L	0.71	
VRCBR-RC BFL SLUDGE R	0.07	
VRCL-RC SLUDGE L	-0.57	
VRCL-RC SLUDGE R	-0.18	
VTCC-TC CVR SLUDGE	-0.71	
VVDL-VALVE DECK SLUDGE L	-0.14	
VVDR-VALVE DECK SLUDGE R	0.22	
MAXIMUM	-0.81	
MINIMUM	-0.07	
RANGE(MAX-MIN)	-0.740	
MEAN	-0.203	
STANDARD DEVIATION	0.439	

Lab Raters (Mar. 6-10, 2023)

Rater= Sanchez, Arthur

YI Values

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

PartID	G1TOT	G2TOT	G3TOT	USTOT	L1TOT	L2TOT	L3TOT	TGF	SGF	TLHC	UCMERI	L4TOT	AGF
A1-KEYSTONE	-0.39	-0.18	-1.42	0.17	0.59	0.18	1.97	-0.30	-1.09	0.00			
A2-KEYSTONE	0.32	0.60	0.81	-1.78	0.12	-0.84	0.34	1.17	-1.27	0.00			
A3-KEYSTONE	0.00	0.62	1.60	-1.40	1.71	0.39	0.77	0.00	0.47	0.00			
A4-KEYSTONE											-1.67		
A5-C13-STYLE	0.05	0.98	-0.95		1.44	1.39	0.32	0.30	1.83	1.80		1.14	-1.60
A6-C13-STYLE	-0.12	-0.02	-1.08		-1.19	0.00	0.51	1.43	-0.85	-0.20		-0.55	-1.60
A7-C13-STYLE	0.51	-0.56	1.06		-0.25	-0.20	2.19	-1.97	0.94	0.89		-1.21	-1.18
A8-C13-STYLE											0.00		
MAXIMUM	0.51	0.98	1.60	-1.78	1.71	1.39	2.19	-1.97	1.83	1.80	-1.67	-1.21	-1.60
MINIMUM	0.00	-0.02	0.81	0.17	0.12	0.00	0.32	0.00	0.47	0.00	0.00	-0.55	-1.18
RANGE(MAX-MIN)	0.510	1.000	0.790	-1.950	1.590	1.390	1.870	-1.970	1.360	1.800	-1.670	-0.660	-0.420
MEAN	0.062	0.240	0.003	-1.003	0.403	0.153	1.017	0.105	0.005	0.415	-1.670	-0.207	-1.460
STANDARD DEVIATION	0.319	0.584	1.298	1.034	1.083	0.738	0.842	1.217	1.263	0.780	0.000	1.212	0.242

Lab Raters (Mar. 6-10, 2023)

Rater= Sanchez, Arthur

YI Values

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

PartID	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	FRTOT	RRTOT	UCMERI	THTOT	ATTOT
B1-SEQUENCE IIIH PISTON	0.52	0.01	-0.30	-1.74	-0.36				-0.17	-0.14
B2-SEQUENCE IIIH PISTON	1.20	-0.01	0.11	0.74	-0.59				-0.12	-0.11
B3-SEQUENCE IIIH PISTON	-0.22	-0.17	0.10	-0.13	1.81				-0.07	-0.07
B4-SEQUENCE IIIH PISTON								0.16		
B5-GMOD PISTON	0.32	-0.21	1.94	-1.04	1.73				0.71	0.58
B6-GMOD PISTON	1.06	-0.25	0.76	-0.02	0.41				0.30	0.14
B7-GMOD PISTON	0.89	0.15	0.30	0.90	-0.10				0.08	0.06
B8-GMOD PISTON								1.39		
MAXIMUM	1.20	-0.25	1.94	-1.74	1.81			1.39	0.71	0.58
MINIMUM	-0.22	0.01	0.10	-0.02	-0.10			0.16	-0.07	0.06
RANGE(MAX-MIN)	1.420	-0.260	1.840	-1.720	1.910			1.230	0.780	0.520
MEAN	0.628	-0.080	0.485	-0.215	0.483			0.160	0.122	0.077
STANDARD DEVIATION	0.531	0.155	0.791	1.020	1.051			0.000	0.335	0.269

Lab Raters (Mar. 6-10, 2023)

Rater= Sanchez, Arthur

YI Values

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

PartID	P1MERI	P2MERI	P3MERI	P4MERI	P5MERI	P6MERI	P7MERI	P8MERI	AVERAG	
Q1-8-SEQ. VH PISTONS	0.13	-0.10	0.05	1.52	-0.61	1.25	0.70	0.40		
R1-8-SEQ. VH PISTONS	0.99	1.78	0.60	-0.58	-1.74	0.92	1.17	1.28		
S1-8-SEQ. VH PISTONS	0.21	0.23	0.63	0.36	-0.66	0.20	0.51	0.56		
VRCBVL-RC BFL VARN L									-0.31	
VRCBVR-RC BFL VARN R									-0.91	
MAXIMUM	0.99	1.78	0.63	1.52	-1.74	1.25	1.17	1.28	-0.91	
MINIMUM	0.13	-0.10	0.05	0.36	-0.61	0.20	0.51	0.40	-0.31	
RANGE(MAX-MIN)	0.860	1.880	0.580	1.160	-1.130	1.050	0.660	0.880	-0.600	
MEAN	0.443	0.637	0.427	0.433	-1.003	0.790	0.793	0.747	-0.910	
STANDARD DEVIATION	0.475	1.004	0.327	1.052	0.638	0.537	0.340	0.469	0.000	

Lab Raters (Mar. 6-10, 2023)

Rater= Sanchez, Arthur

YI Values

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

PartID	TOTALS	
ISMOP-ISM OIL PAN	-0.01	
ISMRC-ISM ROCKER COVER	0.23	
VOP-OIL PAN SLUDGE	0.02	
VOPB-OIL PAN BFL SLUDGE	-0.27	
VRCBL-RC BFL SLUDGE L	-0.99	
VRCBR-RC BFL SLUDGE R	-0.93	
VRCL-RC SLUDGE L	0.43	
VRCL-RC SLUDGE R	0.52	
VTCC-TC CVR SLUDGE	-0.71	
VVDL-VALVE DECK SLUDGE L	-0.14	
VVDR-VALVE DECK SLUDGE R	-0.28	
MAXIMUM	-0.99	
MINIMUM	-0.01	
RANGE(MAX-MIN)	-0.980	
MEAN	-0.194	
STANDARD DEVIATION	0.511	

Lab Raters (Mar. 6-10, 2023)

Rater= Sanchez, Christopher

YI Values

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

PartID	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	FRTOT	RRTOT	UCMERI	THTOT	ATTOT
B1-SEQUENCE IIIH PISTON	-0.30	0.01	0.00	-0.03	0.04				-0.17	-0.14
B2-SEQUENCE IIIH PISTON	-0.38	-0.01	0.11	0.28	0.55				-0.12	-0.11
B3-SEQUENCE IIIH PISTON	-0.43	-0.17	0.00	-0.05	-0.04				-0.07	-0.07
B4-SEQUENCE IIIH PISTON								-0.18		
B5-GMOD PISTON	0.02	0.09	-0.18	0.73	0.44				0.21	0.78
B6-GMOD PISTON	0.26	0.43	-0.04	-0.02	-1.39				0.40	0.44
B7-GMOD PISTON	1.69	0.65	-0.50	0.13	0.40				0.48	0.36
B8-GMOD PISTON								0.09		
MAXIMUM	1.69	0.65	-0.50	0.73	-1.39			-0.18	0.48	0.78
MINIMUM	0.02	0.01	0.00	-0.02	0.04			0.09	-0.07	-0.07
RANGE(MAX-MIN)	1.670	0.640	-0.500	0.750	-1.430			-0.270	0.550	0.850
MEAN	0.143	0.167	-0.102	0.173	0.000			-0.180	0.122	0.210
STANDARD DEVIATION	0.803	0.309	0.216	0.301	0.720			0.000	0.281	0.375

Lab Raters (Mar. 6-10, 2023)

Rater= Sanchez, Christopher

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	-0.91	-1.02	0.18	0.79	0.75	-0.02	
K1-6-C13 2ND RING CARBON	-0.74	-0.58	-0.16	-0.62	-0.19	0.75	
L1-6-C13 2ND RING CARBON	0.18	0.52	-0.20	-0.31	-0.93	-0.54	
MAXIMUM	-0.91	-1.02	-0.20	0.79	-0.93	0.75	
MINIMUM	0.18	0.52	-0.16	-0.31	-0.19	-0.02	
RANGE(MAX-MIN)	-1.090	-1.540	-0.040	1.100	-0.740	0.770	
MEAN	-0.490	-0.360	-0.060	-0.047	-0.123	0.063	
STANDARD DEVIATION	0.586	0.793	0.209	0.741	0.842	0.649	

Lab Raters (Mar. 6-10, 2023)

Rater= Sanchez, Christopher

YI Values

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

PartID	P1MERI	P2MERI	P3MERI	P4MERI	P5MERI	P6MERI	P7MERI	P8MERI	AVERAG	
Q1-8-SEQ. VH PISTONS	-0.14	0.10	-0.28	-0.81	-0.08	0.79	0.23	-0.07		
R1-8-SEQ. VH PISTONS	-0.63	-0.82	-0.70	-0.58	0.07	-0.68	-1.33	-0.22		
S1-8-SEQ. VH PISTONS	-0.29	-0.27	-0.67	0.16	0.54	-0.48	0.61	0.66		
VRCBVL-RC BFL VARN L									-0.01	
VRCBVR-RC BFL VARN R									0.09	
MAXIMUM	-0.63	-0.82	-0.70	-0.81	0.54	0.79	-1.33	0.66	0.09	
MINIMUM	-0.14	0.10	-0.28	0.16	0.07	-0.48	0.23	-0.07	-0.01	
RANGE(MAX-MIN)	-0.490	-0.920	-0.420	-0.970	0.470	1.270	-1.560	0.730	0.100	
MEAN	-0.353	-0.330	-0.550	-0.410	0.177	-0.123	-0.163	0.123	-0.010	
STANDARD DEVIATION	0.251	0.463	0.234	0.507	0.323	0.797	1.028	0.471	0.000	

Lab Raters (Mar. 6-10, 2023)

Rater= Sanchez, Christopher

YI Values

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

PartID	TOTALS	
ISMOP-ISM OIL PAN	-0.81	
ISMRC-ISM ROCKER COVER	-0.97	
VOP-OIL PAN SLUDGE	-0.38	
VOPB-OIL PAN BFL SLUDGE	-0.17	
VRCBL-RC BFL SLUDGE L	0.71	
VRCBR-RC BFL SLUDGE R	0.27	
VRCL-RC SLUDGE L	-0.17	
VRCL-RC SLUDGE R	-0.18	
VTCC-TC CVR SLUDGE	-0.71	
VVDL-VALVE DECK SLUDGE L	0.16	
VVDR-VALVE DECK SLUDGE R	0.22	
MAXIMUM	-0.97	
MINIMUM	0.16	
RANGE(MAX-MIN)	-1.130	
MEAN	-0.185	
STANDARD DEVIATION	0.511	

Lab Raters (Mar. 6-10, 2023)

Rater= Trevino, Robert

YI Values

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

PartID	G1TOT	G2TOT	G3TOT	USTOT	L1TOT	L2TOT	L3TOT	TGF	SGF	TLHC	UCMERI	L4TOT	AGF
A1-KEYSTONE	0.16	-0.71	0.19	-1.23	0.53	-0.83	-1.51	-1.03	-0.31	0.00			
A2-KEYSTONE	-0.48	1.09	-0.18	-0.21	0.96	-0.13	-0.99	-0.33	0.05	0.00			
A3-KEYSTONE	0.00	0.31	0.60	-0.69	-0.14	-1.07	0.03	0.00	-0.08	0.00			
A4-KEYSTONE											0.28		
A5-C13-STYLE	-0.49	-1.75	0.08		-0.42	-0.45	1.25	0.30	-1.17	0.68		-0.23	-0.45
A6-C13-STYLE	0.29	0.33	0.74		-0.45	-0.78	-0.59	0.00	0.28	0.85		0.33	0.08
A7-C13-STYLE	0.38	-0.55	-0.18		-1.06	-0.39	0.15	0.75	-0.94	-0.89		1.24	-0.21
A8-C13-STYLE											0.00		
MAXIMUM	-0.49	-1.75	0.74	-1.23	-1.06	-1.07	-1.51	-1.03	-1.17	-0.89	0.28	1.24	-0.45
MINIMUM	0.00	0.31	0.08	-0.21	-0.14	-0.13	0.03	0.00	0.05	0.00	0.00	-0.23	0.08
RANGE(MAX-MIN)	-0.490	-2.060	0.660	-1.020	-0.920	-0.940	-1.540	-1.030	-1.220	-0.890	0.280	1.470	-0.530
MEAN	-0.023	-0.213	0.208	-0.710	-0.097	-0.608	-0.277	-0.052	-0.362	0.107	0.000	0.447	-0.193
STANDARD DEVIATION	0.380	0.999	0.388	0.510	0.731	0.344	0.973	0.601	0.575	0.618	0.000	0.742	0.265

Lab Raters (Mar. 6-10, 2023)

Rater= Trevino, Robert

YI Values

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

PartID	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	FRTOT	RRTOT	UCMERI	THTOT	ATTOT
B1-SEQUENCE IIIH PISTON	-0.30	0.01	0.40	0.82	-0.16				0.43	0.26
B2-SEQUENCE IIIH PISTON	-0.63	-0.01	0.51	0.94	0.32				0.48	0.29
B3-SEQUENCE IIIH PISTON	-1.46	-0.17	0.30	0.25	-0.11				-0.07	-0.07
B4-SEQUENCE IIIH PISTON								-1.05		
B5-GMOD PISTON	1.12	2.09	0.20	-0.67	0.23				0.91	0.98
B6-GMOD PISTON	-0.54	0.03	0.36	-0.02	0.91				-0.10	-0.06
B7-GMOD PISTON	-0.61	0.75	-0.30	-1.51	0.30				0.58	0.66
B8-GMOD PISTON								0.09		
MAXIMUM	-1.46	2.09	0.51	-1.51	0.91			-1.05	0.91	0.98
MINIMUM	-0.30	0.01	0.20	-0.02	-0.11			0.09	-0.07	-0.06
RANGE(MAX-MIN)	-1.160	2.080	0.310	-1.490	1.020			-1.140	0.980	1.040
MEAN	-0.403	0.450	0.245	-0.032	0.248			-1.050	0.372	0.343
STANDARD DEVIATION	0.844	0.866	0.286	0.932	0.385			0.000	0.391	0.412

Lab Raters (Mar. 6-10, 2023)

Rater= Trevino, Robert

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	-0.20	0.28	-0.07	-0.57	0.51	0.67	
K1-6-C13 2ND RING CARBON	1.65	0.17	0.64	0.11	-0.33	-0.83	
L1-6-C13 2ND RING CARBON	-0.55	-0.01	-0.09	0.08	0.01	0.38	
MAXIMUM	1.65	0.28	0.64	-0.57	0.51	-0.83	
MINIMUM	-0.20	-0.01	-0.07	0.08	0.01	0.38	
RANGE(MAX-MIN)	1.850	0.290	0.710	-0.650	0.500	-1.210	
MEAN	0.300	0.147	0.160	-0.127	0.063	0.073	
STANDARD DEVIATION	1.182	0.146	0.416	0.384	0.423	0.796	

Lab Raters (Mar. 6-10, 2023)

Rater= Trevino, Robert

YI Values

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

PartID	P1MERI	P2MERI	P3MERI	P4MERI	P5MERI	P6MERI	P7MERI	P8MERI	AVERAG	
Q1-8-SEQ. VH PISTONS	0.13	-0.23	-0.75	-1.15	-0.41	0.39	-0.44	-0.60		
R1-8-SEQ. VH PISTONS	-0.09	-0.32	-0.20	0.26	0.23	-0.26	-0.33	-0.52		
S1-8-SEQ. VH PISTONS	-0.19	-0.07	0.13	-0.94	-0.06	-0.14	-0.69	0.16		
VRCBVL-RC BFL VARN L									0.19	
VRCBVR-RC BFL VARN R									0.09	
MAXIMUM	-0.19	-0.32	-0.75	-1.15	-0.41	0.39	-0.69	-0.60	0.19	
MINIMUM	-0.09	-0.07	0.13	0.26	-0.06	-0.14	-0.33	0.16	0.09	
RANGE(MAX-MIN)	-0.100	-0.250	-0.880	-1.410	-0.350	0.530	-0.360	-0.760	0.100	
MEAN	-0.050	-0.207	-0.273	-0.610	-0.080	-0.003	-0.487	-0.320	0.090	
STANDARD DEVIATION	0.164	0.127	0.445	0.761	0.320	0.346	0.184	0.418	0.000	

Lab Raters (Mar. 6-10, 2023)

Rater= Trevino, Robert

YI Values

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

PartID	TOTALS	
ISMOP-ISM OIL PAN	-0.61	
ISMRC-ISM ROCKER COVER	-1.07	
VOP-OIL PAN SLUDGE	-0.28	
VOPB-OIL PAN BFL SLUDGE	-0.17	
VRCBL-RC BFL SLUDGE L	0.71	
VRCBR-RC BFL SLUDGE R	0.07	
VRCL-RC SLUDGE L	-0.07	
VRCL-RC SLUDGE R	-0.28	
VTCC-TC CVR SLUDGE	-0.41	
VVDL-VALVE DECK SLUDGE L	-0.64	
VVDR-VALVE DECK SLUDGE R	-0.48	
MAXIMUM	-1.07	
MINIMUM	0.07	
RANGE(MAX-MIN)	-1.140	
MEAN	-0.294	
STANDARD DEVIATION	0.456	

Lab Raters (Mar. 6-10, 2023)

Rater= Allen, Duane

YI Values

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

PartID	G1TOT	G2TOT	G3TOT	USTOT	L1TOT	L2TOT	L3TOT	TGF	SGF	TLHC	UCMERI	L4TOT	AGF	
A1-KEYSTONE														
A2-KEYSTONE														
A3-KEYSTONE														
A4-KEYSTONE														
A5-C13-STYLE	0.00	-0.92	-3.71		-1.40	-1.07	1.03	-0.92	-1.17	-0.44		0.57	0.13	
A6-C13-STYLE														
A7-C13-STYLE														
A8-C13-STYLE														
MAXIMUM	0.00	-0.92	-3.71		-1.40	-1.07	1.03	-0.92	-1.17	-0.44		0.57	0.13	
MINIMUM	0.00	-0.92	-3.71		-1.40	-1.07	1.03	-0.92	-1.17	-0.44		0.57	0.13	
RANGE(MAX-MIN)	0.000	0.000	0.000		0.000	0.000	0.000	0.000	0.000	0.000		0.000	0.000	
MEAN	0.000	0.000	0.000		0.000	0.000	0.000	0.000	0.000	0.000		0.000	0.000	
STANDARD DEVIATION	0.100	0.100	0.100		0.100	0.100	0.100	0.100	0.100	0.100		0.100	0.100	

Lab Raters (Mar. 6-10, 2023)

Rater= Allen, Duane

YI Values

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

PartID	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	FRTOT	RRTOT	UCMERI	THTOT	ATTOT
B1-SEQUENCE IIIH PISTON	2.50	0.01	-0.80	0.37	-0.76				-1.17	-1.14
B2-SEQUENCE IIIH PISTON	3.03	0.59	-0.69	0.61	1.59				-0.12	-0.11
B3-SEQUENCE IIIH PISTON	1.30	0.33	0.10	1.08	1.19				-0.07	-0.07
B4-SEQUENCE IIIH PISTON								-3.20		
B5-GMOD PISTON	-0.38	0.59	-0.18	1.17	-0.91				0.51	0.28
B6-GMOD PISTON	0.26	1.02	-1.04	-0.02	0.51				0.30	0.04
B7-GMOD PISTON	-3.41	-0.85	-0.30	0.52	-0.90				-0.82	-0.94
B8-GMOD PISTON								0.59		
MAXIMUM	-3.41	1.02	-1.04	1.17	1.59			-3.20	-1.17	-1.14
MINIMUM	0.26	0.01	0.10	-0.02	0.51			0.59	-0.07	0.04
RANGE(MAX-MIN)	-3.670	1.010	-1.140	1.190	1.080			-3.790	-1.100	-1.180
MEAN	0.550	0.282	-0.485	0.622	0.120			-3.200	-0.228	-0.323
STANDARD DEVIATION	2.330	0.647	0.429	0.446	1.125			0.000	0.648	0.575

Lab Raters (Mar. 6-10, 2023)

Rater= Allen, Duane

YI Values

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

PartID	P1MERI	P2MERI	P3MERI	P4MERI	P5MERI	P6MERI	P7MERI	P8MERI	AVERAG	
Q1-8-SEQ. VH PISTONS	0.06	-1.36	-0.68	-0.01	-0.28	-1.55	0.23	-0.47		
R1-8-SEQ. VH PISTONS										
S1-8-SEQ. VH PISTONS	-0.39	-0.47	-0.77	-0.94	-0.36	0.11	-0.89	-1.14		
VRCBVL-RC BFL VARN L									0.69	
VRCBVR-RC BFL VARN R									0.09	
MAXIMUM	-0.39	-1.36	-0.77	-0.94	-0.36	-1.55	-0.89	-1.14	0.69	
MINIMUM	0.06	-0.47	-0.68	-0.01	-0.28	0.11	0.23	-0.47	0.09	
RANGE(MAX-MIN)	-0.450	-0.890	-0.090	-0.930	-0.080	-1.660	-1.120	-0.670	0.600	
MEAN	-0.390	-1.360	-0.770	-0.940	-0.360	-1.550	-0.890	-1.140	0.090	
STANDARD DEVIATION	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	

Lab Raters (Mar. 6-10, 2023)

Rater= Allen, Duane

YI Values

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

PartID	TOTALS	
ISMOP-ISM OIL PAN	1.69	
ISMRC-ISM ROCKER COVER	0.43	
VOP-OIL PAN SLUDGE	-0.38	
VOPB-OIL PAN BFL SLUDGE	-0.17	
VRCBL-RC BFL SLUDGE L	-0.79	
VRCBR-RC BFL SLUDGE R	-0.23	
VRCL-RC SLUDGE L	-0.27	
VRCL-RC SLUDGE R	-0.68	
VTCC-TC CVR SLUDGE	-0.91	
VVDL-VALVE DECK SLUDGE L	-0.04	
VVDR-VALVE DECK SLUDGE R	-0.68	
MAXIMUM	1.69	
MINIMUM	-0.04	
RANGE(MAX-MIN)	1.730	
MEAN	-0.185	
STANDARD DEVIATION	0.731	

Lab Raters (Mar. 6-10, 2023)

Rater= Andiloro, Marcello

YI Values

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

PartID	G1TOT	G2TOT	G3TOT	USTOT	L1TOT	L2TOT	L3TOT	TGF	SGF	TLHC	UCMERI	L4TOT	AGF
A1-KEYSTONE	2.51	0.89	1.02	1.47	0.16	-0.32	0.13	1.40	1.66	0.00			
A2-KEYSTONE	1.11	1.57	-0.13	-0.51	1.13	-0.61	0.13	-0.33	0.93	0.00			
A3-KEYSTONE	0.00	-1.28	4.35	-0.87	1.90	-2.38	1.78	0.00	-0.63	0.00			
A4-KEYSTONE											-0.80		
A5-C13-STYLE	0.92	-0.36	-0.26		-0.87	0.69	-1.95	-0.46	-1.17	0.68		-1.84	-0.64
A6-C13-STYLE	1.28	-1.39	0.25		0.89	-0.12	-1.21	-0.71	0.28	-1.24		-1.00	-0.93
A7-C13-STYLE	2.26	0.39	1.35		0.82	0.26	-1.00	0.25	-0.94	0.30		-0.31	-0.21
A8-C13-STYLE											0.00		
MAXIMUM	2.51	1.57	4.35	1.47	1.90	-2.38	-1.95	1.40	1.66	-1.24	-0.80	-1.84	-0.93
MINIMUM	0.00	-0.36	-0.13	-0.51	0.16	-0.12	0.13	0.00	0.28	0.00	0.00	-0.31	-0.21
RANGE(MAX-MIN)	2.510	1.930	4.480	1.980	1.740	-2.260	-2.080	1.400	1.380	-1.240	-0.800	-1.530	-0.720
MEAN	1.347	-0.030	1.097	0.030	0.672	-0.413	-0.353	0.025	0.022	-0.043	-0.800	-1.050	-0.593
STANDARD DEVIATION	0.921	1.192	1.716	1.260	0.941	1.065	1.321	0.754	1.127	0.645	0.000	0.766	0.362

Lab Raters (Mar. 6-10, 2023)

Rater= Andiloro, Marcello

YI Values

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

PartID	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	FRTOT	RRTOT	UCMERI	THTOT	ATTOT
B1-SEQUENCE IIIH PISTON	1.76	-0.19	-0.10	-0.09	-0.86				-0.27	-0.34
B2-SEQUENCE IIIH PISTON	0.04	-0.01	-0.29	0.78	-0.39				-0.12	-0.11
B3-SEQUENCE IIIH PISTON	-0.92	0.03	-0.60	0.40	-1.61				-0.17	-0.17
B4-SEQUENCE IIIH PISTON								0.69		
B5-GMOD PISTON	-0.58	-0.81	-0.28	-1.04	-0.13				-1.29	-0.12
B6-GMOD PISTON	-0.04	1.58	0.46	-0.02	0.51				0.20	0.04
B7-GMOD PISTON	1.39	-0.95	-0.40	0.20	-0.50				0.08	-0.04
B8-GMOD PISTON								-0.41		
MAXIMUM	1.76	1.58	-0.60	-1.04	-1.61			0.69	-1.29	-0.34
MINIMUM	0.04	-0.01	-0.10	-0.02	-0.13			-0.41	0.08	0.04
RANGE(MAX-MIN)	1.720	1.590	-0.500	-1.020	-1.480			1.100	-1.370	-0.380
MEAN	0.275	-0.058	-0.202	0.038	-0.497			-0.410	-0.262	-0.123
STANDARD DEVIATION	1.073	0.902	0.363	0.615	0.711			0.000	0.532	0.129

Lab Raters (Mar. 6-10, 2023)

Rater= Andiloro, Marcello

YI Values

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

PartID	P1MERI	P2MERI	P3MERI	P4MERI	P5MERI	P6MERI	P7MERI	P8MERI	AVERAG	
Q1-8-SEQ. VH PISTONS										
R1-8-SEQ. VH PISTONS										
S1-8-SEQ. VH PISTONS										
VRCBVL-RC BFL VARN L									-5.91	
VRCBVR-RC BFL VARN R									-5.81	
MAXIMUM									-5.91	
MINIMUM									-5.81	
RANGE(MAX-MIN)									-0.100	
MEAN									-5.910	
STANDARD DEVIATION									0.000	

Lab Raters (Mar. 6-10, 2023)

Rater= Andiloro, Marcello

YI Values

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

PartID	TOTALS	
ISMOP-ISM OIL PAN		
ISMRC-ISM ROCKER COVER		
VOP-OIL PAN SLUDGE	0.82	
VOPB-OIL PAN BFL SLUDGE	-0.47	
VRCBL-RC BFL SLUDGE L	0.41	
VRCBR-RC BFL SLUDGE R	-0.13	
VRCL-RC SLUDGE L	0.23	
VRCR-RC SLUDGE R	0.92	
VTCC-TC CVR SLUDGE	0.59	
VVDL-VALVE DECK SLUDGE L	0.06	
VVDR-VALVE DECK SLUDGE R	-0.68	
MAXIMUM	0.92	
MINIMUM	0.06	
RANGE(MAX-MIN)	0.860	
MEAN	0.194	
STANDARD DEVIATION	0.554	

Lab Raters (Mar. 6-10, 2023)

Rater= Austin, Philip

YI Values

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

PartID	G1TOT	G2TOT	G3TOT	USTOT	L1TOT	L2TOT	L3TOT	TGF	SGF	TLHC	UCMERI	L4TOT	AGF	
A1-KEYSTONE	0.57	-1.25	-0.14	-0.93	0.46	0.56	1.08	-1.27	-1.09	0.00				
A2-KEYSTONE	1.33	0.84	-0.60	-0.03	1.06	-0.13	0.38	-0.33	-0.39	0.00				
A3-KEYSTONE	0.00	-1.28	-1.32	-0.10	1.10	0.20	-1.11	0.00	-0.27	0.00				
A4-KEYSTONE											0.13			
A5-C13-STYLE	-1.21	-1.23	0.00		-1.13	-1.13	-0.60	-0.92	0.33	-0.44		-2.01	-0.06	
A6-C13-STYLE	0.78	0.47	0.60		-0.37	-0.57	-0.21	-0.95	0.28	1.37		-1.77	0.08	
A7-C13-STYLE	0.31	-0.86	-0.49		-0.96	-1.32	-0.26	0.62	2.81	5.03		-2.04	-0.94	
A8-C13-STYLE											0.00			
MAXIMUM	1.33	-1.28	-1.32	-0.93	-1.13	-1.32	-1.11	-1.27	2.81	5.03	0.13	-2.04	-0.94	
MINIMUM	0.00	0.47	0.00	-0.03	-0.37	-0.13	-0.21	0.00	-0.27	0.00	0.00	-1.77	-0.06	
RANGE(MAX-MIN)	1.330	-1.750	-1.320	-0.900	-0.760	-1.190	-0.900	-1.270	3.080	5.030	0.130	-0.270	-0.880	
MEAN	0.297	-0.552	-0.325	-0.353	0.027	-0.398	-0.120	-0.475	0.278	0.993	0.000	-1.940	-0.307	
STANDARD DEVIATION	0.864	0.954	0.646	0.501	0.988	0.743	0.765	0.707	1.344	2.071	0.000	0.148	0.553	

Lab Raters (Mar. 6-10, 2023)

Rater= Austin, Philip

YI Values

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

PartID	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	FRTOT	RRTOT	UCMERI	THTOT	ATTOT
B1-SEQUENCE IIIH PISTON	1.51	-0.99	-1.00	-0.03	0.54				-0.17	-0.14
B2-SEQUENCE IIIH PISTON	0.95	0.49	-0.89	-0.25	2.80				-0.12	-0.11
B3-SEQUENCE IIIH PISTON	1.57	0.83	-0.90	0.55	1.91				-0.07	-0.07
B4-SEQUENCE IIIH PISTON								0.29		
B5-GMOD PISTON	1.52	-0.31	0.11	0.87	-0.77				-1.79	-0.92
B6-GMOD PISTON	1.06	1.30	-0.34	-0.22	-0.99				-0.90	-1.06
B7-GMOD PISTON	-0.51	-0.85	-1.80	1.37	-1.50				-1.02	-0.94
B8-GMOD PISTON								0.59		
MAXIMUM	1.57	1.30	-1.80	1.37	2.80			0.59	-1.79	-1.06
MINIMUM	-0.51	-0.31	0.11	-0.03	0.54			0.29	-0.07	-0.07
RANGE(MAX-MIN)	2.080	1.610	-1.910	1.400	2.260			0.300	-1.720	-0.990
MEAN	1.017	0.078	-0.803	0.382	0.332			0.290	-0.678	-0.540
STANDARD DEVIATION	0.792	0.936	0.648	0.659	1.729			0.000	0.684	0.478

Lab Raters (Mar. 6-10, 2023)

Rater= Austin, Philip

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	0.65	-0.21	0.69	0.79	-0.62	-0.37	
K1-6-C13 2ND RING CARBON	0.29	-0.40	0.04	-0.27	0.55	0.18	
L1-6-C13 2ND RING CARBON	-1.27	0.83	1.28	-0.03	1.75	0.49	
MAXIMUM	-1.27	0.83	1.28	0.79	1.75	0.49	
MINIMUM	0.29	-0.21	0.04	-0.03	0.55	0.18	
RANGE(MAX-MIN)	-1.560	1.040	1.240	0.820	1.200	0.310	
MEAN	-0.110	0.073	0.670	0.163	0.560	0.100	
STANDARD DEVIATION	1.021	0.662	0.620	0.556	1.185	0.436	

Lab Raters (Mar. 6-10, 2023)

Rater= Austin, Philip

YI Values

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

PartID	P1MERI	P2MERI	P3MERI	P4MERI	P5MERI	P6MERI	P7MERI	P8MERI	AVERAG	
Q1-8-SEQ. VH PISTONS	0.13	0.64	1.05	1.65	-0.08	0.65	-0.17	1.60		
R1-8-SEQ. VH PISTONS										
S1-8-SEQ. VH PISTONS	0.41	0.13	-0.27	0.66	0.14	1.65	0.31	-0.24		
VRCBVL-RC BFL VARN L									-0.21	
VRCBVR-RC BFL VARN R									0.09	
MAXIMUM	0.41	0.64	1.05	1.65	0.14	1.65	0.31	1.60	-0.21	
MINIMUM	0.13	0.13	-0.27	0.66	-0.08	0.65	-0.17	-0.24	0.09	
RANGE(MAX-MIN)	0.280	0.510	1.320	0.990	0.220	1.000	0.480	1.840	-0.300	
MEAN	0.130	0.130	-0.270	0.660	-0.080	0.650	-0.170	-0.240	-0.210	
STANDARD DEVIATION	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	

Lab Raters (Mar. 6-10, 2023)

Rater= Austin, Philip

YI Values

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

PartID	TOTALS	
ISMOP-ISM OIL PAN	0.29	
ISMRC-ISM ROCKER COVER	-0.77	
VOP-OIL PAN SLUDGE	1.22	
VOPB-OIL PAN BFL SLUDGE	1.33	
VRCBL-RC BFL SLUDGE L	0.71	
VRCBR-RC BFL SLUDGE R	0.17	
VRCL-RC SLUDGE L	0.33	
VRCL-RC SLUDGE R	0.82	
VTCC-TC CVR SLUDGE	0.89	
VVDL-VALVE DECK SLUDGE L	0.36	
VVDR-VALVE DECK SLUDGE R	1.12	
MAXIMUM	1.33	
MINIMUM	0.17	
RANGE(MAX-MIN)	1.160	
MEAN	0.588	
STANDARD DEVIATION	0.602	

Lab Raters (Mar. 6-10, 2023)

Rater= Burk, Stephen

YI Values

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

PartID	G1TOT	G2TOT	G3TOT	USTOT	L1TOT	L2TOT	L3TOT	TGF	SGF	TLHC	UCMERI	L4TOT	AGF
A1-KEYSTONE	-1.10	-0.71	-1.87	2.57	-2.10	-1.84	0.51	-0.13	-1.25	0.00			
A2-KEYSTONE	1.11	-0.87	-1.91	0.64	-0.35	-0.32	-0.70	-0.33	0.05	0.00			
A3-KEYSTONE	0.00	-1.44	-2.05	-0.34	-0.43	0.40	2.72	0.00	-0.23	0.00			
A4-KEYSTONE											0.81		
A5-C13-STYLE	1.67	-1.15	1.46		-0.87	-1.00	-1.86	0.02	-0.27	0.68		1.41	-0.45
A6-C13-STYLE	-2.17	0.92	0.60		0.07	-0.55	-0.12	-0.95	0.28	-0.20		-1.00	0.59
A7-C13-STYLE	0.31	1.25	1.04		0.10	-0.69	0.07	0.04	0.56	0.30		-0.43	-1.28
A8-C13-STYLE											0.00		
MAXIMUM	-2.17	-1.44	-2.05	2.57	-2.10	-1.84	2.72	-0.95	-1.25	0.68	0.81	1.41	-1.28
MINIMUM	0.00	-0.71	0.60	-0.34	0.07	-0.32	0.07	0.00	0.05	0.00	0.00	-0.43	-0.45
RANGE(MAX-MIN)	-2.170	-0.730	-2.650	2.910	-2.170	-1.520	2.650	-0.950	-1.300	0.680	0.810	1.840	-0.830
MEAN	-0.030	-0.333	-0.455	0.957	-0.597	-0.667	0.103	-0.225	-0.143	0.130	0.000	-0.007	-0.380
STANDARD DEVIATION	1.416	1.131	1.654	1.481	0.819	0.743	1.521	0.381	0.626	0.313	0.000	1.260	0.937

Lab Raters (Mar. 6-10, 2023)

Rater= Burk, Stephen

YI Values

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

PartID	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	FRTOT	RRTOT	UCMERI	THTOT	ATTOT
B1-SEQUENCE IIIH PISTON	0.03	0.01	0.00	0.77	-0.76				-0.17	-0.14
B2-SEQUENCE IIIH PISTON	1.70	-0.01	0.11	0.41	0.68				-0.12	-0.11
B3-SEQUENCE IIIH PISTON	1.25	-0.87	0.10	0.40	0.06				-0.07	-0.07
B4-SEQUENCE IIIH PISTON								0.63		
B5-GMOD PISTON	-0.38	-0.91	0.20	-0.45	-1.34				0.31	0.18
B6-GMOD PISTON	-0.54	1.02	0.56	-0.02	-1.19				-0.20	-0.56
B7-GMOD PISTON	1.39	0.15	0.70	0.83	-0.10				0.18	0.06
B8-GMOD PISTON								-0.21		
MAXIMUM	1.70	1.02	0.70	0.83	-1.34			0.63	0.31	-0.56
MINIMUM	0.03	0.01	0.00	-0.02	0.06			-0.21	-0.07	0.06
RANGE(MAX-MIN)	1.670	1.010	0.700	0.850	-1.400			0.840	0.380	-0.620
MEAN	0.575	-0.102	0.278	0.323	-0.442			-0.210	-0.012	-0.107
STANDARD DEVIATION	0.984	0.719	0.283	0.487	0.787			0.000	0.208	0.252

Lab Raters (Mar. 6-10, 2023)

Rater= Burk, Stephen

YI Values

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

PartID	P1MERI	P2MERI	P3MERI	P4MERI	P5MERI	P6MERI	P7MERI	P8MERI	AVERAG	
Q1-8-SEQ. VH PISTONS										
R1-8-SEQ. VH PISTONS										
S1-8-SEQ. VH PISTONS										
VRCBVL-RC BFL VARN L									-7.01	
VRCBVR-RC BFL VARN R									-11.61	
MAXIMUM									-11.61	
MINIMUM									-7.01	
RANGE(MAX-MIN)									-4.600	
MEAN									-11.610	
STANDARD DEVIATION									0.000	

Lab Raters (Mar. 6-10, 2023)

Rater= Burk, Stephen

YI Values

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

PartID	TOTALS	
ISMOP-ISM OIL PAN		
ISMRC-ISM ROCKER COVER		
VOP-OIL PAN SLUDGE	0.22	
VOPB-OIL PAN BFL SLUDGE	0.53	
VRCBL-RC BFL SLUDGE L	0.41	
VRCBR-RC BFL SLUDGE R	0.27	
VRCL-RC SLUDGE L	0.13	
VRCL-RC SLUDGE R	0.22	
VTCC-TC CVR SLUDGE	0.29	
VVDL-VALVE DECK SLUDGE L	0.06	
VVDR-VALVE DECK SLUDGE R	-1.18	
MAXIMUM	-1.18	
MINIMUM	0.06	
RANGE(MAX-MIN)	-1.240	
MEAN	0.106	
STANDARD DEVIATION	0.502	

Lab Raters (Mar. 6-10, 2023)

Rater= Cales, Jonathon

YI Values

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

PartID	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	FRTOT	RRTOT	UCMERI	THTOT	ATTOT
B1-SEQUENCE IIIH PISTON	0.69	0.01	0.00	-0.03	-0.46				-0.17	-0.14
B2-SEQUENCE IIIH PISTON	0.78	-0.01	0.11	1.15	0.72				-0.12	-0.11
B3-SEQUENCE IIIH PISTON	2.87	-0.17	-0.30	-0.65	-0.28				-0.07	-0.07
B4-SEQUENCE IIIH PISTON								-2.39		
B5-GMOD PISTON	0.42	1.09	1.84	0.29	-0.20				-0.89	-0.12
B6-GMOD PISTON	-0.74	-2.05	-0.64	-0.02	0.31				-0.20	-0.16
B7-GMOD PISTON	0.69	-0.45	0.50	0.28	-0.20				0.18	0.06
B8-GMOD PISTON								0.99		
MAXIMUM	2.87	-2.05	1.84	1.15	0.72			-2.39	-0.89	-0.16
MINIMUM	0.42	0.01	0.00	-0.02	-0.20			0.99	-0.07	0.06
RANGE(MAX-MIN)	2.450	-2.060	1.840	1.170	0.920			-3.380	-0.820	-0.220
MEAN	0.785	-0.263	0.252	0.170	-0.018			-2.390	-0.212	-0.090
STANDARD DEVIATION	1.168	1.020	0.868	0.589	0.443			0.000	0.359	0.100

Lab Raters (Mar. 6-10, 2023)

Rater= Cales, Jonathon

YI Values

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

PartID	P1MERI	P2MERI	P3MERI	P4MERI	P5MERI	P6MERI	P7MERI	P8MERI	AVERAG	
Q1-8-SEQ. VH PISTONS	0.99	-1.56	-1.28	0.52	-1.75	-0.68	0.10	0.40		
R1-8-SEQ. VH PISTONS										
S1-8-SEQ. VH PISTONS	0.31	-0.47	-1.37	-0.64	-2.46	-1.77	0.21	-0.04		
VRCBVL-RC BFL VARN L									0.39	
VRCBVR-RC BFL VARN R									0.09	
MAXIMUM	0.99	-1.56	-1.37	-0.64	-2.46	-1.77	0.21	0.40	0.39	
MINIMUM	0.31	-0.47	-1.28	0.52	-1.75	-0.68	0.10	-0.04	0.09	
RANGE(MAX-MIN)	0.680	-1.090	-0.090	-1.160	-0.710	-1.090	0.110	0.440	0.300	
MEAN	0.310	-1.560	-1.370	-0.640	-2.460	-1.770	0.100	-0.040	0.090	
STANDARD DEVIATION	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	

Lab Raters (Mar. 6-10, 2023)

Rater= Cales, Jonathon

YI Values

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

PartID	TOTALS	
ISMOP-ISM OIL PAN	-1.01	
ISMRC-ISM ROCKER COVER	-1.77	
VOP-OIL PAN SLUDGE	-0.88	
VOPB-OIL PAN BFL SLUDGE	-0.77	
VRCBL-RC BFL SLUDGE L	-0.99	
VRCBR-RC BFL SLUDGE R	-1.93	
VRCL-RC SLUDGE L	0.23	
VRCL-RC SLUDGE R	-0.18	
VTCC-TC CVR SLUDGE	0.19	
VVDL-VALVE DECK SLUDGE L	-1.24	
VVDR-VALVE DECK SLUDGE R	-0.18	
MAXIMUM	-1.93	
MINIMUM	-0.18	
RANGE(MAX-MIN)	-1.750	
MEAN	-0.775	
STANDARD DEVIATION	0.728	

Lab Raters (Mar. 6-10, 2023)

Rater= Caproni, David

YI Values

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

PartID	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	FRTOT	RRTOT	UCMERI	THTOT	ATTOT
B1-SEQUENCE IIIH PISTON	1.02	0.01	0.00	1.62	-0.66				-0.17	-0.14
B2-SEQUENCE IIIH PISTON	-1.13	-0.01	0.11	-0.21	0.25				-0.12	-0.11
B3-SEQUENCE IIIH PISTON	-0.97	-0.17	0.10	2.06	-0.69				-0.07	-0.07
B4-SEQUENCE IIIH PISTON								1.36		
B5-GMOD PISTON	0.92	1.29	1.17	0.43	0.30				-0.09	0.28
B6-GMOD PISTON	-1.94	2.50	0.96	-0.02	2.81				-0.60	-0.26
B7-GMOD PISTON	-1.91	-0.35	0.70	0.36	-0.10				-0.82	0.06
B8-GMOD PISTON								4.59		
MAXIMUM	-1.94	2.50	1.17	2.06	2.81			4.59	-0.82	0.28
MINIMUM	0.92	0.01	0.00	-0.02	-0.10			1.36	-0.07	0.06
RANGE(MAX-MIN)	-2.860	2.490	1.170	2.080	2.910			3.230	-0.750	0.220
MEAN	-0.668	0.545	0.507	0.707	0.318			1.360	-0.312	-0.040
STANDARD DEVIATION	1.329	1.121	0.502	0.920	1.293			0.000	0.318	0.188

Lab Raters (Mar. 6-10, 2023)

Rater= Caproni, David

YI Values

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

PartID	P1MERI	P2MERI	P3MERI	P4MERI	P5MERI	P6MERI	P7MERI	P8MERI	AVERAG	
Q1-8-SEQ. VH PISTONS	1.53	-0.90	-1.41	0.52	-1.41	-0.75	-0.17	0.20		
R1-8-SEQ. VH PISTONS										
S1-8-SEQ. VH PISTONS	-0.39	-0.97	-1.77	-0.74	-3.06	-1.34	0.31	-0.54		
VRCBVL-RC BFL VARN L									0.39	
VRCBVR-RC BFL VARN R									0.09	
MAXIMUM	1.53	-0.97	-1.77	-0.74	-3.06	-1.34	0.31	-0.54	0.39	
MINIMUM	-0.39	-0.90	-1.41	0.52	-1.41	-0.75	-0.17	0.20	0.09	
RANGE(MAX-MIN)	1.920	-0.070	-0.360	-1.260	-1.650	-0.590	0.480	-0.740	0.300	
MEAN	-0.390	-0.970	-1.770	-0.740	-3.060	-1.340	-0.170	-0.540	0.090	
STANDARD DEVIATION	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	

Lab Raters (Mar. 6-10, 2023)

Rater= Caproni, David

YI Values

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

PartID	TOTALS	
ISMOP-ISM OIL PAN	1.09	
ISMRC-ISM ROCKER COVER	-0.77	
VOP-OIL PAN SLUDGE	-0.98	
VOPB-OIL PAN BFL SLUDGE	-0.47	
VRCBL-RC BFL SLUDGE L	0.21	
VRCBR-RC BFL SLUDGE R	-0.13	
VRCL-RC SLUDGE L	-0.17	
VRCL-RC SLUDGE R	-0.48	
VTCC-TC CVR SLUDGE	-0.31	
VVDL-VALVE DECK SLUDGE L	-1.64	
VVDR-VALVE DECK SLUDGE R	0.22	
MAXIMUM	-1.64	
MINIMUM	-0.13	
RANGE(MAX-MIN)	-1.510	
MEAN	-0.312	
STANDARD DEVIATION	0.710	

Lab Raters (Mar. 6-10, 2023)

Rater= Chalkley Jr, Gerald

YI Values

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

PartID	G1TOT	G2TOT	G3TOT	USTOT	L1TOT	L2TOT	L3TOT	TGF	SGF	TLHC	UCMERI	L4TOT	AGF
A1-KEYSTONE	-1.65	-1.25	1.47	1.07	-1.69	0.69	-0.06	-1.27	-1.88	0.00			
A2-KEYSTONE													
A3-KEYSTONE													
A4-KEYSTONE											0.76		
A5-C13-STYLE	-1.25	-0.27	-1.52		-1.20	-1.07	-0.84	-1.22	-1.17	-0.99		0.05	-1.03
A6-C13-STYLE	1.11	-1.39	-0.80		0.34	-1.67	0.53	1.90	0.28	0.33		-1.00	1.43
A7-C13-STYLE	-1.12	0.40	-0.80		0.82	-0.37	-0.49	-0.67	0.94	0.30		-0.78	-1.91
A8-C13-STYLE											0.00		
MAXIMUM	-1.65	-1.39	-1.52	1.07	-1.69	-1.67	-0.84	1.90	-1.88	-0.99	0.76	-1.00	-1.91
MINIMUM	1.11	-0.27	-0.80	1.07	0.34	-0.37	-0.06	-0.67	0.28	0.00	0.00	0.05	-1.03
RANGE(MAX-MIN)	-2.760	-1.120	-0.720	0.000	-2.030	-1.300	-0.780	2.570	-2.160	-0.990	0.760	-1.050	-0.880
MEAN	-0.728	-0.628	-0.413	0.000	-0.433	-0.605	-0.215	-0.315	-0.458	-0.090	0.000	-0.577	-0.503
STANDARD DEVIATION	1.246	0.847	1.300	0.100	1.202	1.014	0.590	1.501	1.295	0.618	0.000	0.554	1.731

Lab Raters (Mar. 6-10, 2023)

Rater= Chalkley Jr, Gerald

YI Values

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

PartID	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	FRTOT	RRTOT	UCMERI	THTOT	ATTOT
B1-SEQUENCE IIIH PISTON	1.51	-0.19	0.00	0.31	-0.36				-0.17	-0.14
B2-SEQUENCE IIIH PISTON	0.87	-0.01	-0.69	1.27	0.62				-0.12	-0.11
B3-SEQUENCE IIIH PISTON	0.22	-0.17	0.10	1.76	0.85				-0.07	-0.07
B4-SEQUENCE IIIH PISTON								-0.58		
B5-GMOD PISTON	-0.48	-0.21	0.78	0.29	-0.63				0.51	0.28
B6-GMOD PISTON	0.36	1.98	-0.04	-0.02	0.21				0.10	-0.06
B7-GMOD PISTON	-1.51	-0.85	-0.30	0.59	-0.60				0.18	-0.24
B8-GMOD PISTON								-0.41		
MAXIMUM	1.51	1.98	0.78	1.76	0.85			-0.58	0.51	0.28
MINIMUM	0.22	-0.01	0.00	-0.02	0.21			-0.41	-0.07	-0.06
RANGE(MAX-MIN)	1.290	1.990	0.780	1.780	0.640			-0.170	0.580	0.340
MEAN	0.162	0.092	-0.025	0.700	0.015			-0.580	0.072	-0.057
STANDARD DEVIATION	1.055	0.970	0.486	0.678	0.638			0.000	0.253	0.177

Lab Raters (Mar. 6-10, 2023)

Rater= Chalkley Jr, Gerald

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	-0.09	-0.90	-1.47	-0.89	-0.72	-0.60	
L1-6-C13 2ND RING CARBON							
MAXIMUM	-0.09	-0.90	-1.47	-0.89	-0.72	-0.60	
MINIMUM	-0.09	-0.90	-1.47	-0.89	-0.72	-0.60	
RANGE(MAX-MIN)	0.000	0.000	0.000	0.000	0.000	0.000	
MEAN	0.000	0.000	0.000	0.000	0.000	0.000	
STANDARD DEVIATION	0.100	0.100	0.100	0.100	0.100	0.100	

Lab Raters (Mar. 6-10, 2023)

Rater= Chalkley Jr, Gerald

YI Values

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

PartID	P1MERI	P2MERI	P3MERI	P4MERI	P5MERI	P6MERI	P7MERI	P8MERI	AVERAG	
Q1-8-SEQ. VH PISTONS	-1.81	-1.90	-1.35	0.72	-1.55	-0.81	-0.10	0.20		
R1-8-SEQ. VH PISTONS										
S1-8-SEQ. VH PISTONS	-0.09	-0.67	-1.57	-0.84	-1.06	-1.60	0.51	-0.94		
VRCBVL-RC BFL VARN L									0.09	
VRCBVR-RC BFL VARN R									0.69	
MAXIMUM	-1.81	-1.90	-1.57	-0.84	-1.55	-1.60	0.51	-0.94	0.69	
MINIMUM	-0.09	-0.67	-1.35	0.72	-1.06	-0.81	-0.10	0.20	0.09	
RANGE(MAX-MIN)	-1.720	-1.230	-0.220	-1.560	-0.490	-0.790	0.610	-1.140	0.600	
MEAN	-1.810	-1.900	-1.570	-0.840	-1.550	-1.600	-0.100	-0.940	0.090	
STANDARD DEVIATION	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	

Lab Raters (Mar. 6-10, 2023)

Rater= Chalkley Jr, Gerald

YI Values

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

PartID	TOTALS	
ISMOP-ISM OIL PAN	1.79	
ISMRC-ISM ROCKER COVER	0.63	
VOP-OIL PAN SLUDGE	-0.08	
VOPB-OIL PAN BFL SLUDGE	-0.77	
VRCBL-RC BFL SLUDGE L	-1.09	
VRCBR-RC BFL SLUDGE R	-0.13	
VRCL-RC SLUDGE L	-0.37	
VRCL-RC SLUDGE R	-0.08	
VTCC-TC CVR SLUDGE	-0.31	
VVDL-VALVE DECK SLUDGE L	-0.94	
VVDR-VALVE DECK SLUDGE R	-0.78	
MAXIMUM	1.79	
MINIMUM	-0.08	
RANGE(MAX-MIN)	1.870	
MEAN	-0.194	
STANDARD DEVIATION	0.820	

Lab Raters (Mar. 6-10, 2023)

Rater= Lonsway, Chris

YI Values

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

PartID	G1TOT	G2TOT	G3TOT	USTOT	L1TOT	L2TOT	L3TOT	TGF	SGF	TLHC	UCMERI	L4TOT	AGF
A1-KEYSTONE	-1.83	-1.25	1.60	0.47	-5.30	0.18	0.26	1.65	3.24	0.00			
A2-KEYSTONE	4.28	1.82	-1.54	-1.59	-1.26	-0.53	-1.04	-0.33	1.37	0.00			
A3-KEYSTONE	0.00	-0.94	-0.31	-1.52	-0.52	0.03	-1.65	0.00	0.10	0.00			
A4-KEYSTONE											-0.65		
A5-C13-STYLE	-1.09	-1.33	0.60		-0.92	-0.21	-2.04	1.37	0.33	0.12		-2.01	-0.45
A6-C13-STYLE	-1.18	-2.65	1.30		-0.39	0.36	0.11	-1.19	-0.85	0.33		5.39	-1.27
A7-C13-STYLE	-2.00	-0.88	-0.18		-2.87	-0.02	-1.16	0.56	-0.94	-2.07		-1.72	-2.64
A8-C13-STYLE											0.00		
MAXIMUM	4.28	-2.65	1.60	-1.59	-5.30	-0.53	-2.04	1.65	3.24	-2.07	-0.65	5.39	-2.64
MINIMUM	0.00	-0.88	-0.18	0.47	-0.39	-0.02	0.11	0.00	0.10	0.00	0.00	-1.72	-0.45
RANGE(MAX-MIN)	4.280	-1.770	1.780	-2.060	-4.910	-0.510	-2.150	1.650	3.140	-2.070	-0.650	7.110	-2.190
MEAN	-0.303	-0.872	0.245	-0.880	-1.877	-0.032	-0.920	0.343	0.542	-0.270	-0.650	0.553	-1.453
STANDARD DEVIATION	2.354	1.467	1.162	1.170	1.900	0.311	0.929	1.071	1.571	0.891	0.000	4.191	1.106

Lab Raters (Mar. 6-10, 2023)

Rater= Lonsway, Chris

YI Values

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

PartID	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	FRTOT	RRTOT	UCMERI	THTOT	ATTOT
B1-SEQUENCE IIIH PISTON	-0.71	0.01	0.00	0.25	0.24				-0.17	-0.14
B2-SEQUENCE IIIH PISTON	-0.38	-0.01	0.11	-1.20	-0.29				-0.12	-0.11
B3-SEQUENCE IIIH PISTON	0.43	-0.17	0.10	-0.43	-0.41				-0.07	-0.07
B4-SEQUENCE IIIH PISTON								0.02		
B5-GMOD PISTON	-0.98	-0.81	1.26	0.21	-0.41				-1.39	-0.22
B6-GMOD PISTON	0.36	1.66	-0.74	-0.02	-0.49				-0.60	-0.76
B7-GMOD PISTON	1.89	-0.85	0.70	0.05	-0.10				0.18	0.06
B8-GMOD PISTON								0.49		
MAXIMUM	1.89	1.66	1.26	-1.20	-0.49			0.49	-1.39	-0.76
MINIMUM	0.36	0.01	0.00	-0.02	-0.10			0.02	-0.07	0.06
RANGE(MAX-MIN)	1.530	1.650	1.260	-1.180	-0.390			0.470	-1.320	-0.820
MEAN	0.102	-0.028	0.238	-0.190	-0.243			0.020	-0.362	-0.207
STANDARD DEVIATION	1.042	0.912	0.679	0.551	0.273			0.000	0.564	0.286

Lab Raters (Mar. 6-10, 2023)

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	-0.06	-0.86	0.43	0.79	0.02	1.10	
K1-6-C13 2ND RING CARBON							
L1-6-C13 2ND RING CARBON	-0.91	1.44	1.73	0.74	1.05	0.03	
MAXIMUM	-0.91	1.44	1.73	0.79	1.05	1.10	
MINIMUM	-0.06	-0.86	0.43	0.74	0.02	0.03	
RANGE(MAX-MIN)	-0.850	2.300	1.300	0.050	1.030	1.070	
MEAN	-0.910	-0.860	0.430	0.740	0.020	0.030	
STANDARD DEVIATION	0.000	0.000	0.000	0.000	0.000	0.000	

Lab Raters (Mar. 6-10, 2023)

Rater= Lonsway, Chris

YI Values

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

PartID	P1MERI	P2MERI	P3MERI	P4MERI	P5MERI	P6MERI	P7MERI	P8MERI	AVERAG	
Q1-8-SEQ. VH PISTONS	0.19	0.64	0.92	0.79	0.19	0.39	0.10	1.73		
R1-8-SEQ. VH PISTONS										
S1-8-SEQ. VH PISTONS	1.41	0.93	-1.07	0.16	-0.16	0.88	-0.09	-0.54		
VRCBVL-RC BFL VARN L									1.09	
VRCBVR-RC BFL VARN R									0.89	
MAXIMUM	1.41	0.93	-1.07	0.79	0.19	0.88	0.10	1.73	1.09	
MINIMUM	0.19	0.64	0.92	0.16	-0.16	0.39	-0.09	-0.54	0.89	
RANGE(MAX-MIN)	1.220	0.290	-1.990	0.630	0.350	0.490	0.190	2.270	0.200	
MEAN	0.190	0.640	-1.070	0.160	-0.160	0.390	-0.090	-0.540	0.890	
STANDARD DEVIATION	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	

Lab Raters (Mar. 6-10, 2023)

Rater= Lonsway, Chris

YI Values

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

PartID	TOTALS	
ISMOP-ISM OIL PAN	-1.71	
ISMRC-ISM ROCKER COVER	-1.97	
VOP-OIL PAN SLUDGE	-0.28	
VOPB-OIL PAN BFL SLUDGE	0.03	
VRCBL-RC BFL SLUDGE L	-0.79	
VRCBR-RC BFL SLUDGE R	-0.73	
VRCL-RC SLUDGE L	0.53	
VRCL-RC SLUDGE R	0.62	
VTCC-TC CVR SLUDGE	-0.81	
VVDL-VALVE DECK SLUDGE L	-1.04	
VVDR-VALVE DECK SLUDGE R	0.62	
MAXIMUM	-1.97	
MINIMUM	0.03	
RANGE(MAX-MIN)	-2.000	
MEAN	-0.503	
STANDARD DEVIATION	0.897	

Lab Raters (Mar. 6-10, 2023)

Rater= Moore, Sean

YI Values

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

PartID	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	FRTOT	RRTOT	UCMERI	THTOT	ATTOT
B1-SEQUENCE IIIH PISTON	0.69	0.01	-0.50	0.65	0.14				-0.37	-0.34
B2-SEQUENCE IIIH PISTON	-0.13	0.29	-0.39	-0.83	-0.05				-0.22	-0.61
B3-SEQUENCE IIIH PISTON	0.97	-0.17	-1.40	0.10	0.61				-0.27	-0.27
B4-SEQUENCE IIIH PISTON								1.23		
B5-GMOD PISTON	0.22	-0.81	-1.24	1.90	0.37				-1.09	-0.32
B6-GMOD PISTON	-0.24	0.74	0.36	-0.02	0.81				-0.70	-0.16
B7-GMOD PISTON	-0.21	-0.15	0.00	-0.03	-0.50				0.18	0.06
B8-GMOD PISTON								-0.21		
MAXIMUM	0.97	-0.81	-1.40	1.90	0.81			1.23	-1.09	-0.61
MINIMUM	-0.13	0.01	0.00	-0.02	-0.05			-0.21	0.18	0.06
RANGE(MAX-MIN)	1.100	-0.820	-1.400	1.920	0.860			1.440	-1.270	-0.670
MEAN	0.217	-0.015	-0.528	0.295	0.230			-0.210	-0.412	-0.273
STANDARD DEVIATION	0.510	0.517	0.686	0.918	0.473			0.000	0.436	0.221

Lab Raters (Mar. 6-10, 2023)

Rater= Moore, Sean

YI Values

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

PartID	G1TOT	G2TOT	G3TOT	USTOT	L1TOT	L2TOT	L3TOT	TGF	SGF	TLHC	UCMERI	L4TOT	AGF	
A1-KEYSTONE	0.88	0.36	-0.84	-0.23	-1.66	-0.83	-1.45	-1.27	-1.49	0.00				
A2-KEYSTONE	1.11	1.33	-1.91	0.82	-0.29	0.08	-0.04	-0.33	0.05	0.00				
A3-KEYSTONE	0.00	-0.93	0.05	0.19	1.30	-0.50	0.37	-4.24	-0.27	0.00				
A4-KEYSTONE											0.33			
A5-C13-STYLE	-2.32	0.23	3.59		-0.87	1.70	2.32	-1.07	0.33	0.68		1.41	-0.64	
A6-C13-STYLE	0.81	-0.32	2.00		0.07	-0.02	-0.11	-0.24	0.28	-0.20		0.27	-0.25	
A7-C13-STYLE	-0.75	1.66	0.12		0.10	0.97	0.36	-0.18	0.94	0.30		-1.72	-2.15	
A8-C13-STYLE											0.00			
MAXIMUM	-2.32	1.66	3.59	0.82	-1.66	1.70	2.32	-4.24	-1.49	0.68	0.33	-1.72	-2.15	
MINIMUM	0.00	0.23	0.05	0.19	0.07	-0.02	-0.04	-0.18	0.05	0.00	0.00	0.27	-0.25	
RANGE(MAX-MIN)	-2.320	1.430	3.540	0.630	-1.730	1.720	2.360	-4.060	-1.540	0.680	0.330	-1.990	-1.900	
MEAN	-0.045	0.388	0.502	0.260	-0.225	0.233	0.242	-1.222	-0.027	0.130	0.000	-0.013	-1.013	
STANDARD DEVIATION	1.311	0.977	1.987	0.528	1.000	0.943	1.218	1.548	0.820	0.313	0.000	1.584	1.004	

Lab Raters (Mar. 6-10, 2023)

Rater= Moore, Sean

YI Values

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

PartID	P1MERI	P2MERI	P3MERI	P4MERI	P5MERI	P6MERI	P7MERI	P8MERI	AVERAG	
Q1-8-SEQ. VH PISTONS										
R1-8-SEQ. VH PISTONS										
S1-8-SEQ. VH PISTONS										
VRCBVL-RC BFL VARN L									-8.51	
VRCBVR-RC BFL VARN R									-10.01	
MAXIMUM									-10.01	
MINIMUM									-8.51	
RANGE(MAX-MIN)									-1.500	
MEAN									-10.010	
STANDARD DEVIATION									0.000	

Lab Raters (Mar. 6-10, 2023)

Rater= Moore, Sean

YI Values

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

PartID	TOTALS	
ISMOP-ISM OIL PAN		
ISMRC-ISM ROCKER COVER		
VOP-OIL PAN SLUDGE	0.32	
VOPB-OIL PAN BFL SLUDGE	0.53	
VRCBL-RC BFL SLUDGE L	0.41	
VRCBR-RC BFL SLUDGE R	-0.13	
VRCL-RC SLUDGE L	0.43	
VRCL-RC SLUDGE R	0.72	
VTCC-TC CVR SLUDGE	0.39	
VVDL-VALVE DECK SLUDGE L	-0.14	
VVDR-VALVE DECK SLUDGE R	-1.18	
MAXIMUM	-1.18	
MINIMUM	-0.13	
RANGE(MAX-MIN)	-1.050	
MEAN	0.150	
STANDARD DEVIATION	0.574	

Lab Raters (Mar. 6-10, 2023)

Rater= Rodriguez, Jesus (Jesse)

YI Values

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

PartID	G1TOT	G2TOT	G3TOT	USTOT	L1TOT	L2TOT	L3TOT	TGF	SGF	TLHC	UCMERI	L4TOT	AGF	
A1-KEYSTONE	0.34	-1.25	0.38	-2.73	-1.18	1.19	1.71	-0.54	1.27	0.00				
A2-KEYSTONE	1.11	-0.62	-1.96	-1.84	-1.38	0.55	-0.54	-0.33	-0.17	0.00				
A3-KEYSTONE	0.00	0.76	-0.50	0.01	0.13	-0.72	0.37	-1.41	0.10	0.00				
A4-KEYSTONE														
A5-C13-STYLE	0.02	0.44	0.17		0.47	0.17	0.91	-0.46	0.33	-0.99		1.41	-0.83	
A6-C13-STYLE	0.29	-0.16	0.74		-0.34	-0.40	0.68	-0.24	0.28	0.85		0.33	-0.25	
A7-C13-STYLE	0.44	-0.51	5.97		-1.24	-0.55	0.21	0.75	-0.94	-0.89		7.49	0.27	
A8-C13-STYLE														
MAXIMUM	1.11	-1.25	5.97	-2.73	-1.38	1.19	1.71	-1.41	1.27	-0.99		7.49	-0.83	
MINIMUM	0.00	-0.16	0.17	0.01	0.13	0.17	0.21	-0.24	0.10	0.00		0.33	-0.25	
RANGE(MAX-MIN)	1.110	-1.090	5.800	-2.740	-1.510	1.020	1.500	-1.170	1.170	-0.990		7.160	-0.580	
MEAN	0.367	-0.223	0.800	-1.520	-0.590	0.040	0.557	-0.372	0.145	-0.172		3.077	-0.270	
STANDARD DEVIATION	0.405	0.735	2.706	1.398	0.787	0.737	0.752	0.692	0.721	0.681		3.860	0.550	

Lab Raters (Mar. 6-10, 2023)

Rater= Rodriguez, Jesus (Jesse)

YI Values

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

PartID	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	FRTOT	RRTOT	UCMERI	THTOT	ATTOT
B1-SEQUENCE IIIH PISTON	0.93	0.01	0.00	-1.17	-0.66				-0.17	-0.14
B2-SEQUENCE IIIH PISTON	0.87	-0.01	-0.39	-1.12	-0.82				-0.12	-0.11
B3-SEQUENCE IIIH PISTON	-3.20	0.03	-0.40	-0.05	-0.69				-0.07	-0.07
B4-SEQUENCE IIIH PISTON								0.83		
B5-GMOD PISTON	-1.08	-0.21	0.68	0.51	0.44				-0.09	0.08
B6-GMOD PISTON	0.86	-1.81	-2.24	-0.02	0.31				0.30	0.14
B7-GMOD PISTON										
B8-GMOD PISTON										
MAXIMUM	-3.20	-1.81	-2.24	-1.17	-0.82			0.83	0.30	-0.14
MINIMUM	0.86	0.01	0.00	-0.02	0.31			0.83	-0.07	-0.07
RANGE(MAX-MIN)	-4.060	-1.820	-2.240	-1.150	-1.130			0.000	0.370	-0.070
MEAN	-0.324	-0.398	-0.470	-0.370	-0.284			0.000	-0.030	-0.020
STANDARD DEVIATION	1.820	0.795	1.083	0.742	0.606			0.100	0.188	0.123

Lab Raters (Mar. 6-10, 2023)

Rater= Rodriguez, Jesus (Jesse)

YI Values

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

PartID	P1MERI	P2MERI	P3MERI	P4MERI	P5MERI	P6MERI	P7MERI	P8MERI	AVERAG	
Q1-8-SEQ. VH PISTONS	0.13	0.37	-0.81	0.79	1.05	0.79	-0.37	-0.80		
R1-8-SEQ. VH PISTONS										
S1-8-SEQ. VH PISTONS	0.21	-0.37	-0.47	0.36	0.44	1.31	1.51	1.26		
VRCBVL-RC BFL VARN L									-1.01	
VRCBVR-RC BFL VARN R									0.09	
MAXIMUM	0.21	0.37	-0.81	0.79	1.05	1.31	1.51	1.26	-1.01	
MINIMUM	0.13	0.37	-0.47	0.36	0.44	0.79	-0.37	-0.80	0.09	
RANGE(MAX-MIN)	0.080	0.000	-0.340	0.430	0.610	0.520	1.880	2.060	-1.100	
MEAN	0.130	-0.370	-0.810	0.360	0.440	0.790	-0.370	-0.800	-1.010	
STANDARD DEVIATION	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	

Lab Raters (Mar. 6-10, 2023)

Rater= Rodriguez, Jesus (Jesse)

YI Values

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

PartID	TOTALS	
ISMOP-ISM OIL PAN	1.09	
ISMRC-ISM ROCKER COVER	-0.77	
VOP-OIL PAN SLUDGE	-1.38	
VOPB-OIL PAN BFL SLUDGE	-0.47	
VRCBL-RC BFL SLUDGE L	-0.79	
VRCBR-RC BFL SLUDGE R	-0.93	
VRCL-RC SLUDGE L	-0.57	
VRCL-RC SLUDGE R	0.12	
VTCC-TC CVR SLUDGE	-0.51	
VVDL-VALVE DECK SLUDGE L	-0.64	
VVDR-VALVE DECK SLUDGE R	-1.28	
MAXIMUM	-1.38	
MINIMUM	0.12	
RANGE(MAX-MIN)	-1.500	
MEAN	-0.557	
STANDARD DEVIATION	0.680	

Lab Raters (Mar. 6-10, 2023)

Demerit Piston Deposits

Rater	Parts Rated	-1<yi<=1	-2<yi<=2	-3<yi<=3	>3	Yi STD	Group	Group Color
Aguirre, Nancy P	6	67.4%	97.7%	100.0%	0.0%	0.98	WHITE	
Barrera, Tony	8	66.2%	96.9%	100.0%	0.0%	0.98	WHITE	
DeCapite, Vanessa	8	58.5%	95.4%	100.0%	0.0%	1.07	YELLOW	
Dominguez, Lucio	8	78.5%	100.0%	100.0%	0.0%	0.73	WHITE	
Lopez, Frank	8	63.1%	93.9%	100.0%	0.0%	1.01	WHITE	
Ragsdale, Kirt	8	70.8%	100.0%	100.0%	0.0%	0.87	WHITE	
Sanchez, Arthur	8	61.5%	98.5%	100.0%	0.0%	1.02	WHITE	
Sanchez, Christopher	8	86.2%	100.0%	100.0%	0.0%	0.70	BLUE	
Trevino, Robert	8	84.6%	100.0%	100.0%	0.0%	0.65	RED	
Allen, Duane	1	54.6%	90.9%	90.9%	9.1%	1.26	N/A	
Andiloro, Marcello	8	63.1%	93.9%	98.5%	1.5%	1.05	WHITE	
Austin, Philip	8	67.7%	93.9%	98.5%	1.5%	0.89	WHITE	
Burk, Stephen	8	66.2%	92.3%	100.0%	0.0%	1.04	WHITE	
Chalkley Jr, Gerald	6	51.1%	100.0%	100.0%	0.0%	1.01	YELLOW	
Lonsway, Chris	8	50.8%	84.6%	93.9%	6.2%	1.45	YELLOW	
Moore, Sean	8	70.8%	90.8%	96.9%	3.1%	1.18	WHITE	
Rodriguez, Jesus (Jesse)	6	76.2%	95.2%	96.8%	3.2%	0.85	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	11	69%
Red	6	80%	95%	0.85	1	6%
Blue	6	85%	98%	0.75	1	6%
Yellow	-	-	-	-	3	19%

Lab Raters (Mar. 6-10, 2023)

Light Duty Piston Deposits

Rater	Parts Rated	-1<yi<=1	-2<yi<=2	-3<yi<=3	>3	Yi STD	Group	Group Color
Aguirre, Nancy P	7	81.1%	100.0%	100.0%	0.0%	0.68	RED	
Barrera, Tony	8	90.9%	97.7%	100.0%	0.0%	0.55	RED	
DeCapite, Vanessa	8	84.1%	97.7%	100.0%	0.0%	0.70	RED	
Dominguez, Lucio	8	90.9%	100.0%	100.0%	0.0%	0.52	BLUE	
Lopez, Frank	8	81.8%	97.7%	100.0%	0.0%	0.79	RED	
Ragsdale, Kirt	8	79.6%	95.5%	100.0%	0.0%	0.82	WHITE	
Sanchez, Arthur	8	81.8%	100.0%	100.0%	0.0%	0.70	RED	
Sanchez, Christopher	8	95.5%	100.0%	100.0%	0.0%	0.38	BLUE	
Trevino, Robert	8	88.6%	97.7%	100.0%	0.0%	0.67	RED	
Allen, Duane	8	70.5%	90.9%	93.2%	6.8%	1.17	WHITE	
Andiloro, Marcello	8	86.4%	100.0%	100.0%	0.0%	0.67	BLUE	
Austin, Philip	8	70.5%	97.7%	100.0%	0.0%	1.04	WHITE	
Burk, Stephen	8	86.4%	100.0%	100.0%	0.0%	0.63	BLUE	
Cales, Jonathon	8	86.4%	93.2%	100.0%	0.0%	0.85	WHITE	
Caproni, David	8	72.7%	90.9%	97.7%	2.3%	0.98	WHITE	
Chalkley Jr, Gerald	8	88.6%	100.0%	100.0%	0.0%	0.67	BLUE	
Lonsway, Chris	8	88.6%	100.0%	100.0%	0.0%	0.64	BLUE	
Moore, Sean	8	88.6%	100.0%	100.0%	0.0%	0.63	BLUE	
Rodriguez, Jesus (Jesse)	6	83.3%	94.4%	97.2%	2.8%	0.87	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	6	32%
Red	6	80%	95%	0.85	6	32%
Blue	6	85%	98%	0.75	7	37%
Yellow	-	-	-	-	0	0%

Lab Raters (Mar. 6-10, 2023)

C13 Ring Carbon

Rater	Parts Rated	-1<yi<=1	-2<yi<=2	-3<yi<=3	>3	Yi STD	Group	Group Color
Barrera, Tony	18	33.3%	94.4%	100.0%	0.0%	0.75	YELLOW	
DeCapite, Vanessa	18	27.8%	88.9%	100.0%	0.0%	0.93	YELLOW	
Dominguez, Lucio	18	72.2%	100.0%	100.0%	0.0%	0.73	WHITE	
Lopez, Frank	18	66.7%	94.4%	100.0%	0.0%	0.84	WHITE	
Ragsdale, Kirt	18	88.9%	94.4%	94.4%	5.6%	0.63	WHITE	
Sanchez, Christopher	18	94.4%	100.0%	100.0%	0.0%	0.60	BLUE	
Trevino, Robert	18	94.4%	100.0%	100.0%	0.0%	0.56	BLUE	
Austin, Philip	18	83.3%	100.0%	100.0%	0.0%	0.73	RED	
Chalkley Jr, Gerald	6	83.3%	100.0%	100.0%	0.0%	0.45	RED	
Lonsway, Chris	12	66.7%	100.0%	100.0%	0.0%	0.84	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	4	40%
Red	6	80%	95%	0.85	2	20%
Blue	6	85%	98%	0.75	2	20%
Yellow	-	-	-	-	2	20%

Lab Raters (Mar. 6-10, 2023)
Sequence V Varnish

Rater	Parts Rated	-1<yi<=1	-2<yi<=2	-3<yi<=3	>3	Yi STD	Group	Group Color
Aguirre, Nancy P	26	88.5%	100.0%	100.0%	0.0%	0.51	BLUE	
Barrera, Tony	26	65.4%	100.0%	100.0%	0.0%	0.67	WHITE	
DeCapite, Vanessa	26	88.5%	100.0%	100.0%	0.0%	0.60	BLUE	
Dominguez, Lucio	26	84.6%	100.0%	100.0%	0.0%	0.57	RED	
Lopez, Frank	26	84.6%	100.0%	100.0%	0.0%	0.63	RED	
Ragsdale, Kirt	26	61.5%	92.3%	100.0%	0.0%	0.67	WHITE	
Sanchez, Arthur	26	76.9%	100.0%	100.0%	0.0%	0.81	WHITE	
Sanchez, Christopher	26	96.2%	100.0%	100.0%	0.0%	0.52	BLUE	
Trevino, Robert	26	96.2%	100.0%	100.0%	0.0%	0.39	BLUE	
Allen, Duane	18	83.3%	100.0%	100.0%	0.0%	0.59	RED	
Andiloro, Marcello	2	0.0%	0.0%	0.0%	100.0%	0.00	N/A	
Austin, Philip	18	77.8%	100.0%	100.0%	0.0%	0.65	WHITE	
Burk, Stephen	2	0.0%	0.0%	0.0%	100.0%	0.00	N/A	
Cales, Jonathon	18	66.7%	94.4%	100.0%	0.0%	0.98	WHITE	
Caproni, David	18	66.7%	94.4%	94.4%	5.6%	1.04	WHITE	
Chalkley Jr, Gerald	18	61.1%	100.0%	100.0%	0.0%	0.88	WHITE	
Lonsway, Chris	18	77.8%	100.0%	100.0%	0.0%	0.70	WHITE	
Moore, Sean	2	0.0%	0.0%	0.0%	100.0%	0.00	N/A	
Rodriguez, Jesus (Jesse)	18	72.2%	100.0%	100.0%	0.0%	0.77	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	9	56%
Red	6	80%	95%	0.85	3	19%
Blue	6	85%	98%	0.75	4	25%
Yellow	-	-	-	-	0	0%

Lab Raters (Mar. 6-10, 2023)

Sludge Deposits

Rater	Parts Rated	-1<yi<=1	-2<yi<=2	-3<yi<=3	>3	Yi STD	Group	Group Color
Aguirre, Nancy P	11	81.8%	100.0%	100.0%	0.0%	0.77	RED	
Barrera, Tony	11	54.6%	100.0%	100.0%	0.0%	0.34	YELLOW	
DeCapite, Vanessa	11	90.9%	100.0%	100.0%	0.0%	0.58	BLUE	
Dominguez, Lucio	11	90.9%	100.0%	100.0%	0.0%	0.31	BLUE	
Lopez, Frank	11	100.0%	100.0%	100.0%	0.0%	0.51	BLUE	
Ragsdale, Kirt	11	100.0%	100.0%	100.0%	0.0%	0.44	BLUE	
Sanchez, Arthur	11	100.0%	100.0%	100.0%	0.0%	0.51	BLUE	
Sanchez, Christopher	11	100.0%	100.0%	100.0%	0.0%	0.51	BLUE	
Trevino, Robert	11	90.9%	100.0%	100.0%	0.0%	0.46	BLUE	
Allen, Duane	11	90.9%	100.0%	100.0%	0.0%	0.73	BLUE	
Andiloro, Marcello	9	100.0%	100.0%	100.0%	0.0%	0.55	BLUE	
Austin, Philip	11	72.7%	100.0%	100.0%	0.0%	0.60	WHITE	
Burk, Stephen	9	88.9%	100.0%	100.0%	0.0%	0.50	BLUE	
Cales, Jonathon	11	63.6%	100.0%	100.0%	0.0%	0.73	WHITE	
Caproni, David	11	81.8%	100.0%	100.0%	0.0%	0.71	RED	
Chalkley Jr, Gerald	11	81.8%	100.0%	100.0%	0.0%	0.82	RED	
Lonsway, Chris	11	72.7%	100.0%	100.0%	0.0%	0.90	WHITE	
Moore, Sean	9	88.9%	100.0%	100.0%	0.0%	0.57	BLUE	
Rodriguez, Jesus (Jesse)	11	72.7%	100.0%	100.0%	0.0%	0.68	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	4	21%
Red	6	80%	95%	0.85	3	16%
Blue	6	85%	98%	0.75	11	58%
Yellow	-	-	-	-	1	5%