



A Program of ASTM International

Test Monitoring Center

203 Armstrong Drive, Freeport, PA 16229, USA

www.astmtmc.org
412-365-1000

April 19, 2024

To Participants of the ASTM International 2024 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 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 11 - 15, 2024

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.

There was discussion about the HD piston demerits minimum standard deviation and whether it should be changed to 1 instead of 0.1. The rationale was that the demerit scale is 0-100 instead of 0-10 for merits. It was eventually agreed that the change would be made.

There was also discussion about the sludge rating minimum standard deviation and whether it should be 0.1 or 0.25 since the sludge rating scale is broken into 0.25 increments. It was agreed that the change should be made.

There was discussion about how to rate the VH oil pickup screens. There was a lengthy discussion about the method used and which was correct. It was agreed that a section is considered blocked if the outline of the screen is no longer visible and that debris should be called for anything that is not oil/sludge. It was brought up that templates are useful for this rating.

Heavy Duty Rating Workshop

March 11 - 15, 2024

San Antonio, Texas

Ongoing Items

LED Lighting

It was noted that one of the replacement LED lights had a slightly different color temperature. The replacement light was moved from a piston deposit booth to a C13 ring carbon booth.

Future Workshops

The next standardized testing rating workshop will be scheduled for the spring of 2025. 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 (March 11-15, 2024)

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	25.00	43.75	1.05	0.60	3.30	30.25	1.21	8.00	39.00	0.00
Andiloro, Marcello	27.00	43.00	2.03	0.55	2.59	29.50	1.17	8.10	36.00	0.00
Austin, Philip	24.31	44.50	1.20	0.68	3.67	31.87	1.20	8.00	42.00	0.00
Barrera, Tony	25.00	45.25	1.15	0.84	3.50	33.25	1.47	8.00	40.00	0.00
Burk, Stephen	25.38	43.75	1.08	0.35	3.10	32.50	1.09	8.35	36.30	0.00
Cales, Jonathon	27.50	43.75	0.72	0.39	3.08	31.75	1.25	7.00	40.00	0.00
Chalkley Jr, Gerald	25.50	43.75	1.43	0.45	2.81	29.50	1.58	7.00	39.00	0.00
Cumberworth, Lee	27.00	43.75	0.75	0.45	4.54	32.50	1.36	13.00	40.00	0.00
DeCapite, Vanessa	25.00	43.00	0.99	0.36	3.40	31.00	1.33	8.00	37.00	0.00
Dominguez, Lucio	25.00	44.50	1.01	0.57	3.58	30.25	1.27	7.00	39.00	0.00
Garcia, Jessica E.	25.25	38.50	1.07	0.77	3.31	32.50	1.09	7.00	23.00	0.00
Kobrinetz, Joaquin J.	25.00	43.00	1.02	0.58	3.42	31.75	1.35	8.00	40.00	0.00
Lonsway, Chris	25.25	45.25	0.89	0.30	2.34	32.50	1.00	7.00	38.00	0.00
Moore, Sean	26.00	43.00	1.43	0.78	3.36	31.00	1.39	7.60	38.00	0.00
Ragsdale, Kirt	25.00	45.25	1.01	0.36	3.65	31.75	1.04	7.00	41.00	0.00
Rodriguez, Jesus (Jesse)	25.00	44.50	1.15	0.81	3.57	33.25	1.47	8.00	39.00	0.00
Sanchez, Christopher	25.00	44.50	0.91	0.48	3.65	31.75	1.14	8.00	38.00	0.00
Trevino, Robert	25.00	43.00	0.97	0.47	3.51	30.25	1.08	8.00	40.00	0.00
MAXIMUM	25.00	45.25	1.15	0.84	3.65	33.25	1.47	8.00	41.00	0.00
MINIMUM	25.00	43.00	0.91	0.36	3.30	30.25	1.04	7.00	37.00	0.00
RANGE(MAX-MIN)	0.000	2.250	0.240	0.480	0.350	3.000	0.430	1.000	4.000	0.000
MEAN	25.000	44.031	1.014	0.533	3.501	31.281	1.236	7.750	39.250	0.000
STANDARD DEVIATION	1.000	1.000	1.000	0.160	1.000	1.060	0.150	0.460	1.730	1.000
N SIZE	18.000									

Part ID= A1 - KEYSTONE

A1 Y1 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	-0.28	0.04	0.42	-0.20	-0.97	-0.18	0.54	-0.14	0.00
Andiloro, Marcello	2.00	-1.03	1.02	0.11	-0.91	-1.68	-0.44	0.76	-1.88	0.00
Austin, Philip	-0.69	0.47	0.19	0.92	0.17	0.56	-0.24	0.54	1.59	0.00
Barrera, Tony	0.00	1.22	0.14	1.92	0.00	1.86	1.56	0.54	0.43	0.00
Burk, Stephen	0.38	-0.28	0.07	-1.14	-0.40	1.15	-0.98	1.30	-1.71	0.00
Cales, Jonathon	2.50	-0.28	-0.29	-0.89	-0.42	0.44	0.09	-1.63	0.43	0.00
Chalkley Jr, Gerald	0.50	-0.28	0.42	-0.52	-0.69	-1.68	2.29	-1.63	-0.14	0.00
Cumberworth, Lee	2.00	-0.28	-0.26	-0.52	1.04	1.15	0.83	11.44	0.43	0.00
DeCapite, Vanessa	0.00	-1.03	-0.02	-1.08	-0.10	-0.27	0.63	0.54	-1.30	0.00
Dominguez, Lucio	0.00	0.47	0.00	0.23	0.08	-0.97	0.23	-1.63	-0.14	0.00
Garcia, Jessica E.	0.25	-5.53	0.06	1.48	-0.19	1.15	-0.98	-1.63	-9.39	0.00
Kobrinetz, Joaquin J.	0.00	-1.03	0.01	0.30	-0.08	0.44	0.76	0.54	0.43	0.00
Lonsway, Chris	0.25	1.22	-0.12	-1.45	-1.16	1.15	-1.58	-1.63	-0.72	0.00
Moore, Sean	1.00	-1.03	0.42	1.55	-0.14	-0.27	1.03	-0.33	-0.72	0.00
Ragsdale, Kirt	0.00	1.22	0.00	-1.08	0.15	0.44	-1.31	-1.63	1.01	0.00
Rodriguez, Jesus (Jesse)	0.00	0.47	0.14	1.73	0.07	1.86	1.56	0.54	-0.14	0.00
Sanchez, Christopher	0.00	0.47	-0.10	-0.33	0.15	0.44	-0.64	0.54	-0.72	0.00
Trevino, Robert	0.00	-1.03	-0.04	-0.39	0.01	-0.97	-1.04	0.54	0.43	0.00
MAXIMUM	0.00	1.22	0.14	1.92	-0.20	1.86	1.56	-1.63	-1.30	0.00
MINIMUM	0.00	-0.28	0.00	0.23	0.00	-0.27	-0.18	0.54	-0.14	0.00
RANGE(MAX-MIN)	0.000	1.500	0.140	1.688	-0.200	2.123	1.733	-2.174	-1.156	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	0.977	0.100	0.971	0.124	0.996	0.977	1.006	0.741	0.100
N SIZE	18.000									

Lab Raters (March 11-15, 2024)

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	26.75	27.14	0.99	0.51	2.31	27.43	0.74	9.00	15.00	0.00
Andiloro, Marcello	26.25	28.00	1.12	0.52	2.47	29.19	1.29	7.00	11.00	0.00
Austin, Philip	25.96	26.39	0.76	0.63	4.25	30.13	1.15	10.00	15.00	0.00
Barrera, Tony	25.25	25.14	1.01	0.62	2.96	31.20	1.19	9.00	12.00	0.00
Burk, Stephen	26.75	27.53	0.85	0.33	2.72	29.79	1.19	9.55	15.59	0.00
Cales, Jonathon	25.50	27.79	0.68	0.29	2.42	26.39	0.97	10.00	15.00	0.00
Chalkley Jr, Gerald	26.25	26.80	0.78	0.61	2.62	29.02	1.01	10.00	14.00	0.00
Cumberworth, Lee	27.00	24.86	0.53	0.57	2.87	29.47	0.61	13.00	15.00	0.00
DeCapite, Vanessa	26.25	25.84	0.72	0.40	2.10	29.90	0.77	7.00	11.00	0.00
Dominguez, Lucio	26.50	27.32	0.80	0.49	2.64	28.60	0.76	10.00	12.00	0.00
Garcia, Jessica E.	26.25	27.12	0.46	0.61	2.88	28.39	0.91	10.00	12.00	0.00
Kobrinetz, Joaquin J.	25.58	27.87	1.02	0.49	2.61	32.05	1.09	6.00	16.00	0.00
Lonsway, Chris	26.00	27.55	0.60	0.28	2.29	27.40	0.60	6.00	14.00	0.00
Moore, Sean	26.11	27.39	1.16	0.57	3.08	29.00	1.18	7.35	11.00	0.00
Ragsdale, Kirt	27.75	27.87	0.86	0.49	1.95	29.46	0.95	12.00	13.00	0.00
Rodriguez, Jesus (Jesse)	25.00	25.02	1.03	0.63	2.95	31.27	1.21	9.00	11.00	0.00
Sanchez, Christopher	27.00	26.57	0.67	0.46	2.17	28.16	0.84	12.00	11.00	0.00
Trevino, Robert	27.25	27.10	0.71	0.41	2.31	30.16	0.72	10.00	12.00	0.00
MAXIMUM	27.75	27.87	1.02	0.62	2.96	32.05	1.19	12.00	16.00	0.00
MINIMUM	25.25	25.14	0.67	0.40	1.95	27.43	0.72	6.00	11.00	0.00
RANGE(MAX-MIN)	2.500	2.730	0.350	0.220	1.010	4.620	0.470	6.000	5.000	0.000
MEAN	26.541	26.856	0.848	0.484	2.381	29.620	0.883	9.375	12.750	0.000
STANDARD DEVIATION	1.000	1.000	1.000	0.100	1.000	1.550	0.180	2.130	1.920	1.000
N SIZE	18.000									

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	0.21	0.28	0.14	0.26	-0.07	-1.41	-0.79	-0.18	1.17	0.00
Andiloro, Marcello	-0.29	1.14	0.27	0.36	0.09	-0.28	2.26	-1.12	-0.91	0.00
Austin, Philip	-0.58	-0.47	-0.09	1.46	1.87	0.33	1.49	0.29	1.17	0.00
Barrera, Tony	-1.29	-1.72	0.16	1.36	0.58	1.02	1.71	-0.18	-0.39	0.00
Burk, Stephen	0.21	0.67	0.00	-1.54	0.34	0.11	1.71	0.08	1.48	0.00
Cales, Jonathon	-1.04	0.93	-0.17	-1.94	0.04	-2.08	0.49	0.29	1.17	0.00
Chalkley Jr, Gerald	-0.29	-0.06	-0.07	1.26	0.24	-0.39	0.71	0.29	0.65	0.00
Cumberworth, Lee	0.46	-2.00	-0.32	0.86	0.49	-0.10	-1.51	1.70	1.17	0.00
DeCapite, Vanessa	-0.29	-1.02	-0.13	-0.84	-0.28	0.18	-0.63	-1.12	-0.91	0.00
Dominguez, Lucio	-0.04	0.46	-0.05	0.06	0.26	-0.66	-0.68	0.29	-0.39	0.00
Garcia, Jessica E.	-0.29	0.26	-0.39	1.26	0.50	-0.79	0.15	0.29	-0.39	0.00
Kobrinetz, Joaquin J.	-0.96	1.01	0.17	0.06	0.23	1.57	1.15	-1.58	1.69	0.00
Lonsway, Chris	-0.54	0.69	-0.25	-2.04	-0.09	-1.43	-1.57	-1.58	0.65	0.00
Moore, Sean	-0.43	0.53	0.31	0.86	0.70	-0.40	1.65	-0.95	-0.91	0.00
Ragsdale, Kirt	1.21	1.01	0.01	0.06	-0.43	-0.10	0.38	1.23	0.13	0.00
Rodriguez, Jesus (Jesse)	-1.54	-1.84	0.18	1.46	0.57	1.06	1.82	-0.18	-0.91	0.00
Sanchez, Christopher	0.46	-0.29	-0.18	-0.24	-0.21	-0.94	-0.24	1.23	-0.91	0.00
Trevino, Robert	0.71	0.24	-0.14	-0.74	-0.07	0.35	-0.90	0.29	-0.39	0.00
MAXIMUM	-1.29	-1.72	-0.18	1.36	0.58	1.57	1.71	-1.58	1.69	0.00
MINIMUM	-0.04	0.24	0.01	0.06	-0.07	-0.10	-0.24	-0.18	0.13	0.00
RANGE(MAX-MIN)	-1.250	-1.960	-0.190	1.300	0.650	1.671	1.944	-1.408	1.563	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	0.836	0.961	0.144	0.680	0.333	0.998	0.981	1.002	0.954	0.100
N SIZE	18.000									

Lab Raters (March 11-15, 2024)

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	26.50	33.25	0.71	0.39	4.62	28.14	0.91	8.00	10.00	1.00
Andiloro, Marcello	26.50	33.25	1.57	0.20	4.68	26.76	1.00	8.00	25.00	0.00
Austin, Philip	27.25	31.00	0.88	0.53	5.90	27.01	0.93	10.00	16.00	0.00
Barrera, Tony	26.50	29.50	0.69	0.46	4.97	26.57	1.17	9.00	9.00	1.00
Burk, Stephen	25.75	31.00	1.36	0.28	5.13	28.79	1.10	7.81	13.98	0.00
Cales, Jonathon	25.75	32.50	0.85	0.42	3.40	27.40	1.40	9.00	17.00	0.00
Chalkley Jr, Gerald	25.50	31.00	0.89	0.50	3.70	27.18	1.01	8.00	18.00	0.00
Cumberworth, Lee	25.75	32.50	0.26	0.21	3.27	28.56	0.52	10.00	22.00	0.00
DeCapite, Vanessa	26.50	28.00	0.63	0.36	4.46	28.90	0.74	8.00	11.00	0.00
Dominguez, Lucio	26.25	30.25	0.82	0.34	4.38	26.80	0.95	9.00	18.00	0.00
Garcia, Jessica E.	26.00	34.00	0.29	0.53	7.05	28.50	1.35	8.00	17.00	1.00
Kobrinetz, Joaquin J.	25.75	31.00	0.73	0.37	4.71	27.85	1.07	7.00	24.00	0.00
Lonsway, Chris	27.25	31.00	0.47	0.18	3.43	28.07	1.08	7.00	24.00	0.00
Moore, Sean	25.50	29.50	1.49	0.52	4.76	28.81	0.99	7.50	12.00	0.00
Ragsdale, Kirt	26.75	32.50	0.62	0.38	4.43	26.15	0.87	7.00	23.00	0.00
Rodriguez, Jesus (Jesse)	26.50	28.75	0.68	0.43	4.43	25.75	1.00	9.00	8.00	1.00
Sanchez, Christopher	26.75	36.25	0.63	0.31	4.44	28.07	0.86	9.00	23.00	0.00
Trevino, Robert	27.00	32.50	0.53	0.31	4.36	26.66	0.93	9.00	24.00	0.00
MAXIMUM	27.00	36.25	0.82	0.46	4.97	28.90	1.17	9.00	24.00	1.00
MINIMUM	25.75	28.00	0.53	0.31	4.36	26.15	0.74	7.00	9.00	0.00
RANGE(MAX-MIN)	1.250	8.250	0.290	0.150	0.610	2.750	0.430	2.000	15.000	1.000
MEAN	26.500	31.656	0.670	0.365	4.546	27.393	0.938	8.250	17.750	0.250
STANDARD DEVIATION	1.000	2.550	1.000	0.100	1.000	1.000	0.160	0.890	6.710	1.000
N SIZE	18.000									

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	0.63	0.04	0.25	0.07	0.75	-0.17	-0.28	-1.16	0.75
Andiloro, Marcello	0.00	0.63	0.90	-1.65	0.13	-0.63	0.39	-0.28	1.08	-0.25
Austin, Philip	0.75	-0.26	0.21	1.65	1.35	-0.38	-0.05	1.97	-0.26	-0.25
Barrera, Tony	0.00	-0.85	0.02	0.95	0.42	-0.82	1.45	0.84	-1.30	0.75
Burk, Stephen	-0.75	-0.26	0.69	-0.85	0.58	1.40	1.02	-0.49	-0.56	-0.25
Cales, Jonathon	-0.75	0.33	0.18	0.55	-1.15	0.01	2.89	0.84	-0.11	-0.25
Chalkley Jr, Gerald	-1.00	-0.26	0.22	1.35	-0.85	-0.21	0.45	-0.28	0.04	-0.25
Cumberworth, Lee	-0.75	0.33	-0.41	-1.55	-1.28	1.17	-2.61	1.97	0.63	-0.25
DeCapite, Vanessa	0.00	-1.43	-0.04	-0.05	-0.09	1.51	-1.23	-0.28	-1.01	-0.25
Dominguez, Lucio	-0.25	-0.55	0.15	-0.25	-0.17	-0.59	0.08	0.84	0.04	-0.25
Garcia, Jessica E.	-0.50	0.92	-0.38	1.65	2.50	1.11	2.58	-0.28	-0.11	0.75
Kobrinetz, Joaquin J.	-0.75	-0.26	0.06	0.05	0.16	0.46	0.83	-1.40	0.93	-0.25
Lonsway, Chris	0.75	-0.26	-0.20	-1.85	-1.12	0.68	0.89	-1.40	0.93	-0.25
Moore, Sean	-1.00	-0.85	0.82	1.55	0.21	1.42	0.33	-0.84	-0.86	-0.25
Ragsdale, Kirt	0.25	0.33	-0.05	0.15	-0.12	-1.24	-0.42	-1.40	0.78	-0.25
Rodriguez, Jesus (Jesse)	0.00	-1.14	0.01	0.65	-0.12	-1.64	0.39	0.84	-1.45	0.75
Sanchez, Christopher	0.25	1.80	-0.04	-0.55	-0.11	0.68	-0.48	0.84	0.78	-0.25
Trevino, Robert	0.50	0.33	-0.14	-0.55	-0.19	-0.73	-0.05	0.84	0.93	-0.25
MAXIMUM	-0.75	1.80	0.15	0.95	0.42	1.51	1.45	-1.40	-1.30	0.75
MINIMUM	0.00	-0.26	0.02	-0.05	0.07	0.46	-0.05	-0.28	0.04	-0.25
RANGE(MAX-MIN)	-0.750	2.059	0.130	1.000	0.350	1.050	1.500	-1.124	-1.341	1.000
MEAN	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
STANDARD DEVIATION	0.378	1.000	0.100	0.487	0.209	0.972	0.826	0.996	1.001	0.463
N SIZE	18.000									

Lab Raters (March 11-15, 2024)

Part ID= A4 - KEYSTONE

Rated Values

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

Rater	UCTOT	
Aguirre, Nancy P	1.47	
Andiloro, Marcello	1.53	
Austin, Philip	1.42	
Barrera, Tony	1.56	
Burk, Stephen	1.60	
Cales, Jonathon	1.51	
Chalkley Jr, Gerald	1.53	
Cumberworth, Lee	1.54	
DeCapite, Vanessa	1.52	
Dominguez, Lucio	1.45	
Garcia, Jessica E.	1.46	
Kobrinetz, Joaquin J.	1.37	
Lonsway, Chris	1.40	
Moore, Sean	1.55	
Ragsdale, Kirt	1.39	
Rodriguez, Jesus (Jesse)	1.56	
Sanchez, Christopher	1.46	
Trevino, Robert	1.50	
MAXIMUM	1.56	
MINIMUM	1.37	
RANGE(MAX-MIN)	0.190	
MEAN	1.465	
STANDARD DEVIATION	0.100	
N SIZE	18.000	

Part ID= A4 - KEYSTONE

A4 YI Values

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

Rater	UCTOT	
Aguirre, Nancy P	0.05	
Andiloro, Marcello	0.65	
Austin, Philip	-0.45	
Barrera, Tony	0.95	
Burk, Stephen	1.35	
Cales, Jonathon	0.45	
Chalkley Jr, Gerald	0.65	
Cumberworth, Lee	0.75	
DeCapite, Vanessa	0.55	
Dominguez, Lucio	-0.15	
Garcia, Jessica E.	-0.05	
Kobrinetz, Joaquin J.	-0.95	
Lonsway, Chris	-0.65	
Moore, Sean	0.85	
Ragsdale, Kirt	-0.75	
Rodriguez, Jesus (Jesse)	0.95	
Sanchez, Christopher	-0.05	
Trevino, Robert	0.35	
MAXIMUM	0.95	
MINIMUM	0.05	
RANGE(MAX-MIN)	0.900	
MEAN	0.000	
STANDARD DEVIATION	0.635	
N SIZE	18.000	

Lab Raters (March 11-15, 2024)

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	39.21	9.74	4.65	19.23	31.67	4.69	2.31	28.00	1.00	10.00	10.00	
Andiloro, Marcello	47.55	9.07	3.00	19.52	29.55	4.88	1.50	51.00	2.00	8.00		
Austin, Philip	36.29	13.73	3.60	21.22	28.09	5.00	1.50	12.00	3.00	11.00	18.00	
Barrera, Tony	39.97	8.94	5.46	20.13	32.21	4.57	1.65	27.00	1.00	10.00	10.00	
Burk, Stephen	33.44	10.39	3.00	17.88	34.97	5.59	3.00	18.73	1.76	10.00		
Cales, Jonathon	42.89	11.25	2.58	18.56	26.85	5.00	2.10	25.00	1.00	8.00	10.00	
Chalkley Jr, Gerald	45.12	11.41	2.55	18.84	29.29	4.45	1.94	21.00	3.00	8.00	10.00	
Cumberworth, Lee	41.58	11.85	2.26	14.59	30.54	4.95	2.31	30.00	3.00	7.00	13.00	
DeCapite, Vanessa	38.16	12.89	3.00	19.65	33.70	5.07	2.40	29.00	2.00	10.00	17.00	
Dominguez, Lucio	43.04	9.49	3.90	18.21	30.85	5.18	3.16	32.00	2.00	5.00	15.00	
Garcia, Jessica E.	42.56	11.04	2.40	20.03	31.12	5.66	2.55	31.00	2.00	10.00		
Kobrinetz, Joaquin J.	46.65	14.07	3.36	18.03	29.88	5.71	2.68	48.00	3.00	7.00	23.00	
Lonsway, Chris	42.58	9.54	3.75	19.43	33.31	4.75	1.94	52.00	1.00	9.00	21.00	
Moore, Sean	47.05	8.46	3.00	19.00	32.08	5.34	2.91	45.00	1.10	10.00	14.76	
Ragsdale, Kirt	42.60	11.20	4.02	19.91	28.87	6.23	3.18	32.00	2.00	11.00	28.00	
Rodriguez, Jesus (Jesse)	39.99	8.98	5.46	20.01	32.06	5.78	1.65	25.00	1.00	10.00	9.00	
Sanchez, Christopher	41.56	9.59	3.60	20.06	34.01	4.58	2.20	32.00	3.00	10.00	26.00	
Trevino, Robert	40.92	10.33	3.36	18.78	30.09	4.98	2.28	46.00	2.00	9.00	15.00	
MAXIMUM	46.65	14.07	5.46	20.13	34.01	6.23	3.18	48.00	3.00	11.00	28.00	
MINIMUM	38.16	8.94	3.00	18.03	28.87	4.57	1.65	27.00	1.00	5.00	10.00	
RANGE(MAX-MIN)	8.490	5.130	2.460	2.100	5.140	1.660	1.530	21.000	2.000	6.000	18.000	
MEAN	41.514	10.781	3.919	19.250	31.410	5.126	2.483	34.250	2.000	9.000	18.000	
STANDARD DEVIATION	4.240	1.820	1.000	1.000	1.840	0.590	0.510	11.450	1.000	2.000	6.930	
N SIZE	18.000											

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	-0.54	-0.57	0.73	-0.02	0.14	-0.74	-0.34	-0.55	-1.00	0.50	-1.15	
Andiloro, Marcello	1.42	-0.94	-0.92	0.27	-1.01	-0.42	-1.93	1.46	0.00	-0.50	-1.15	
Austin, Philip	-1.23	1.62	-0.32	1.97	-1.80	-0.21	-1.93	-1.94	1.00	1.00	0.00	
Barrera, Tony	-0.36	-1.01	1.54	0.88	0.43	-0.94	-1.63	-0.63	-1.00	0.50	-1.15	
Burk, Stephen	-1.90	-0.22	-0.92	-1.37	1.93	0.79	1.01	-1.36	-0.24	0.50	-1.15	
Cales, Jonathon	0.32	0.26	-1.34	-0.69	-2.48	-0.21	-0.75	-0.81	-1.00	-0.50	-1.15	
Chalkley Jr, Gerald	0.85	0.35	-1.37	-0.41	-1.15	-1.15	-1.06	-1.16	1.00	-0.50	-1.15	
Cumberworth, Lee	0.02	0.59	-1.66	-4.66	-0.47	-0.30	-0.34	-0.37	1.00	-1.00	-0.72	
DeCapite, Vanessa	-0.79	1.16	-0.92	0.40	1.24	-0.10	-0.16	-0.46	0.00	0.50	-0.14	
Dominguez, Lucio	0.36	-0.71	-0.02	-1.04	-0.30	0.09	1.33	-0.20	0.00	-2.00	-0.43	
Garcia, Jessica E.	0.25	0.14	-1.52	0.78	-0.16	0.90	0.13	-0.28	0.00	0.50	-0.43	
Kobrinetz, Joaquin J.	1.21	1.81	-0.56	-1.22	-0.83	0.99	0.39	1.20	1.00	-1.00	0.72	
Lonsway, Chris	0.25	-0.68	-0.17	0.18	1.03	-0.64	-1.06	1.55	-1.00	0.00	0.43	
Moore, Sean	1.31	-1.28	-0.92	-0.25	0.36	0.36	0.84	0.94	-0.90	0.50	-0.47	
Ragsdale, Kirt	0.26	0.23	0.10	0.66	-1.38	1.87	1.37	-0.20	0.00	1.00	1.44	
Rodriguez, Jesus (Jesse)	-0.36	-0.99	1.54	0.76	0.35	1.11	-1.63	-0.81	-1.00	0.50	-1.30	
Sanchez, Christopher	0.01	-0.65	-0.32	0.81	1.41	-0.93	-0.55	-0.20	1.00	0.50	1.15	
Trevino, Robert	-0.14	-0.25	-0.56	-0.47	-0.72	-0.25	-0.40	1.03	0.00	0.00	-0.43	
MAXIMUM	1.21	1.81	1.54	-1.22	1.41	1.87	-1.63	1.20	-1.00	-2.00	1.44	
MINIMUM	0.01	0.23	-0.02	-0.02	0.14	0.09	-0.16	-0.20	0.00	0.00	-0.14	
RANGE(MAX-MIN)	1.201	1.577	1.560	-1.200	1.272	1.780	-1.471	1.397	-1.000	-2.000	1.587	
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	0.625	1.000	0.801	0.830	0.997	0.989	1.004	0.709	0.756	1.000	1.000	
N SIZE	18.000											

Lab Raters (March 11-15, 2024)

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
Aguirre, Nancy P	35.43	13.26	3.06	12.40	39.25	2.13	1.74	28.00	3.00	4.00	20.00
Andiloro, Marcello	32.78	13.97	2.40	14.85	34.00	2.55	1.50	27.00	3.00	9.00	
Austin, Philip	38.54	11.97	2.47	15.16	40.00	3.22	4.20	18.00	3.00	9.00	30.00
Barrera, Tony	34.93	11.75	3.16	13.18	40.00	2.16	1.50	29.00	3.00	5.00	21.00
Burk, Stephen	36.75	12.57	3.00	15.25	47.50	2.70	1.50	36.50	3.20	9.00	
Cales, Jonathon	39.62	12.89	2.70	12.23	34.75	3.76	1.50	19.00	3.00	6.00	22.00
Chalkley Jr, Gerald	37.52	12.86	2.40	16.49	34.75	2.50	1.50	17.00	3.00	8.00	21.00
Cumberworth, Lee	27.86	11.98	1.94	9.44	33.76	3.39	1.50	12.00	3.00	6.00	23.00
DeCapite, Vanessa	34.64	13.95	2.70	15.01	44.50	2.85	1.50	25.00	3.00	8.00	28.00
Dominguez, Lucio	37.31	11.31	3.49	14.64	34.53	3.84	1.50	29.00	3.00	5.00	23.00
Garcia, Jessica E.	34.07	15.04	2.85	17.17	41.83	3.54	1.50	16.00	3.00	8.00	
Kobrinetz, Joaquin J.	47.08	15.55	2.45	14.59	39.25	1.88	1.44	45.00	3.00	5.00	26.00
Lonsway, Chris	37.77	12.99	2.55	13.96	40.75	2.70	1.50	39.00	3.00	6.00	21.00
Moore, Sean	37.05	13.62	2.85	12.60	37.75	3.30	1.50	33.90	3.05	6.00	22.40
Ragsdale, Kirt	35.61	13.54	2.68	13.25	40.00	2.62	1.50	23.00	3.00	9.00	29.00
Rodriguez, Jesus (Jesse)	35.03	11.91	3.16	12.33	40.00	2.16	1.50	25.00	4.00	5.00	20.00
Sanchez, Christopher	37.83	13.19	2.40	16.55	43.75	2.76	1.50	29.00	3.00	8.00	30.00
Trevino, Robert	36.24	13.03	2.58	16.07	44.50	2.81	1.50	33.00	3.00	7.00	26.00
MAXIMUM	37.83	15.55	3.49	16.55	44.50	3.84	1.74	45.00	3.00	9.00	30.00
MINIMUM	34.64	11.31	2.40	12.40	34.53	1.88	1.44	23.00	3.00	4.00	20.00
RANGE(MAX-MIN)	3.190	4.240	1.090	4.150	9.970	1.960	0.300	22.000	0.000	5.000	10.000
MEAN	35.999	13.198	2.815	14.461	40.723	2.631	1.523	30.125	3.000	6.375	25.375
STANDARD DEVIATION	1.197	1.304	0.383	1.447	3.411	0.609	0.100	6.707	0.100	1.847	3.701
N SIZE	18.000										

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
Aguirre, Nancy P	-0.48	0.05	0.64	-1.42	-0.43	-0.82	2.18	-0.32	0.00	-1.29	-1.45
Andiloro, Marcello	-2.69	0.59	-1.08	0.27	-1.97	-0.13	-0.23	-0.47	0.00	1.42	-1.45
Austin, Philip	2.12	-0.94	-0.90	0.48	-0.21	0.97	-3.23	-1.81	0.00	1.42	1.25
Barrera, Tony	-0.89	-1.11	0.90	-0.89	-0.21	-0.77	-0.23	-0.17	0.00	-0.74	-1.18
Burk, Stephen	0.63	-0.48	0.48	0.55	1.99	0.11	-0.23	0.95	2.00	1.42	-1.18
Cales, Jonathon	3.03	-0.24	-0.30	-1.54	-1.75	1.85	-0.23	-1.66	0.00	-0.20	-0.91
Chalkley Jr, Gerald	1.27	-0.26	-1.08	1.40	-1.75	-0.22	-0.23	-1.96	0.00	0.88	-1.18
Cumberworth, Lee	-6.80	-0.93	-2.28	-3.47	-2.04	1.25	-0.23	-2.70	0.00	-0.20	-0.64
DeCapite, Vanessa	-1.14	0.58	-0.30	0.38	1.11	0.36	-0.23	-0.76	0.00	0.88	0.71
Dominguez, Lucio	1.10	-1.45	1.76	0.12	-1.82	1.99	-0.23	-0.17	0.00	-0.74	-0.64
Garcia, Jessica E.	-1.61	1.41	0.09	1.87	0.32	1.49	-0.23	-2.11	0.00	0.88	-0.64
Kobrinetz, Joaquin J.	9.26	1.80	-0.95	0.09	-0.43	-1.23	-0.83	2.22	0.00	-0.74	0.17
Lonsway, Chris	1.48	-0.16	-0.69	-0.35	0.01	0.11	-0.23	1.32	0.00	-0.20	-1.18
Moore, Sean	0.88	0.32	0.09	-1.29	-0.87	1.10	-0.23	0.56	0.50	-0.20	-0.80
Ragsdale, Kirt	-0.32	0.26	-0.35	-0.84	-0.21	-0.02	-0.23	-1.06	0.00	1.42	0.98
Rodriguez, Jesus (Jesse)	-0.81	-0.99	0.90	-1.47	-0.21	-0.77	-0.23	-0.76	-20.00	-0.74	-1.45
Sanchez, Christopher	1.53	-0.01	-1.08	1.44	0.89	0.21	-0.23	-0.17	0.00	0.88	1.25
Trevino, Robert	0.20	-0.13	-0.61	1.11	1.11	0.29	-0.23	0.43	0.00	0.34	0.17
MAXIMUM	1.53	1.80	1.76	1.44	-1.82	1.99	-0.83	2.22	0.00	1.42	-1.45
MINIMUM	0.20	-0.01	-0.30	0.09	-0.21	-0.02	-0.23	-0.17	0.00	0.34	0.17
RANGE(MAX-MIN)	1.329	1.810	2.063	1.354	-1.604	2.004	-0.600	2.386	0.000	1.083	-1.621
MEAN	0.000	0.000	0.000	0.000	0.000	0.000	-0.311	0.000	0.000	0.000	0.000
STANDARD DEVIATION	1.000	1.000	1.000	1.000	1.000	1.000	0.227	1.000	0.100	1.000	1.000
N SIZE	18.000										

Lab Raters (March 11-15, 2024)

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	
Aguirre, Nancy P	38.74	14.40	2.20	8.60	32.52	1.94	1.80	26.00	3.00	1.00	12.00	
Andiloro, Marcello	37.89	13.99	2.64	7.67	31.89	2.16	1.94	29.00	3.40	1.00		
Austin, Philip	35.54	13.72	1.94	9.40	34.65	1.81	2.25	18.00	3.00	1.00	15.00	
Barrera, Tony	43.24	13.63	2.01	8.87	32.27	1.65	2.01	27.00	2.00	1.00	11.00	
Burk, Stephen	37.92	15.16	2.64	8.30	35.52	2.16	1.80	29.00	2.73	2.00		
Cales, Jonathon	36.16	13.35	2.70	6.71	31.07	2.26	2.26			1.00		
Chalkley Jr, Gerald	35.87	13.30	2.40	7.97	31.68	2.26	2.10	20.00	3.00	1.00	8.00	
Cumberworth, Lee	38.86	14.37	2.26	6.48	28.95	1.50	1.50	30.00	8.00	9.00	20.00	
DeCapite, Vanessa	39.60	15.45	2.10	7.74	32.67	2.10	1.80	28.00	3.00	1.00	10.00	
Dominguez, Lucio	39.90	14.18	2.55	8.83	33.98	2.40	1.94	32.00	3.00	1.00	12.00	
Garcia, Jessica E.	39.76	14.80	4.50	8.45	30.76	1.65	2.04	27.00	4.00	9.00		
Kobrinetz, Joaquin J.	48.93	14.75	2.16	8.35	30.61	1.71	1.97	49.00	3.00	1.00	12.00	
Lonsway, Chris	43.00	15.45	2.10	8.75	32.77	1.94	1.94	43.00	3.00	1.00	8.00	
Moore, Sean	41.30	14.31	2.55	8.30	32.99	2.16	1.94	31.45	3.30	1.00	15.33	
Ragsdale, Kirt	38.16	14.74	3.09	6.17	32.77	2.64	2.50	37.00	3.00	1.00	19.00	
Rodriguez, Jesus (Jesse)	42.31	13.14	2.01	9.01	33.01	1.65	2.01	23.00	4.00	2.00	11.00	
Sanchez, Christopher	43.15	13.95	2.40	10.30	34.45	2.04	1.80	34.00	3.00	1.00	13.00	
Trevino, Robert	42.56	14.72	2.52	9.08	34.07	1.86	1.86	30.00	3.00	1.00	9.00	
MAXIMUM	48.93	15.45	3.09	10.30	34.45	2.64	2.50	49.00	3.00	1.00	19.00	
MINIMUM	38.16	13.63	2.01	6.17	30.61	1.65	1.80	26.00	2.00	1.00	9.00	
RANGE(MAX-MIN)	10.770	1.820	1.080	4.130	3.840	0.990	0.700	23.000	1.000	0.000	10.000	
MEAN	41.785	14.478	2.379	8.493	32.918	2.043	1.960	32.875	2.875	1.000	12.250	
STANDARD DEVIATION	3.513	0.566	0.348	1.187	1.242	0.337	0.233	7.492	0.354	0.100	3.012	
N SIZE	18.000											

Part ID= A7 - C13-STYLE

A7 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	-0.87	-0.14	-0.51	0.09	-0.32	-0.30	-0.69	-0.92	0.35	0.00	-0.08	
Andiloro, Marcello	-1.11	-0.86	0.75	-0.69	-0.83	0.35	-0.09	-0.52	1.48	0.00	-0.08	
Austin, Philip	-1.78	-1.34	-1.26	0.76	1.40	-0.69	1.24	-1.99	0.35	0.00	0.91	
Barrera, Tony	0.41	-1.50	-1.06	0.32	-0.52	-1.16	0.21	-0.78	-2.47	0.00	-0.42	
Burk, Stephen	-1.10	1.21	0.75	-0.16	2.10	0.35	-0.69	-0.52	-0.41	10.00	-0.42	
Cales, Jonathon	-1.60	-1.99	0.92	-1.50	-1.49	0.64	1.29	-0.52	-0.41	0.00	-0.42	
Chalkley Jr, Gerald	-1.68	-2.08	0.06	-0.44	-1.00	0.64	0.60	-1.72	0.35	0.00	-1.41	
Cumberworth, Lee	-0.83	-5.49	-0.34	-1.70	-3.20	-1.61	-1.97	-0.38	14.50	-10.00	2.57	
DeCapite, Vanessa	-0.62	1.72	-0.80	-0.63	-0.20	0.17	-0.69	-0.65	0.35	0.00	-0.75	
Dominguez, Lucio	-0.54	-0.53	0.49	0.28	0.86	1.06	-0.09	-0.12	0.35	0.00	-0.08	
Garcia, Jessica E.	-0.58	0.57	6.09	-0.04	-1.74	-1.16	0.34	-0.78	3.18	-10.00	-0.08	
Kobrinetz, Joaquin J.	2.03	0.48	-0.63	-0.12	-1.86	-0.99	0.04	2.15	0.35	0.00	-0.08	
Lonsway, Chris	0.35	1.72	-0.80	0.22	-0.12	-0.30	-0.09	1.35	0.35	0.00	-1.41	
Moore, Sean	-0.14	-0.30	0.49	-0.16	0.06	0.35	-0.09	-0.19	1.20	0.00	1.02	
Ragsdale, Kirt	-1.03	0.46	2.04	-1.96	-0.12	1.77	2.31	0.55	0.35	0.00	2.24	
Rodriguez, Jesus (Jesse)	0.15	-2.37	-1.06	0.44	0.07	-1.16	0.21	-1.32	-5.30	10.00	-0.42	
Sanchez, Christopher	0.39	-0.93	0.06	1.52	1.23	-0.01	-0.69	0.15	0.35	0.00	0.25	
Trevino, Robert	0.22	0.43	0.41	0.50	0.93	-0.54	-0.43	-0.38	0.35	0.00	-1.08	
MAXIMUM	2.03	1.72	2.04	-1.96	-1.86	1.77	2.31	2.15	-2.47	0.00	2.24	
MINIMUM	0.22	-0.14	0.06	0.09	-0.12	-0.01	0.04	-0.12	0.35	0.00	-0.08	
RANGE(MAX-MIN)	1.814	1.857	1.981	-2.047	-1.740	1.779	2.271	2.269	-2.829	0.000	2.324	
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	0.100	1.000	
N SIZE	18.000											

Lab Raters (March 11-15, 2024)

Part ID= A8 - C13-STYLE

Rated Values

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

Rater	UCTOT	
Aguirre, Nancy P	1.88	
Andiloro, Marcello	1.94	
Austin, Philip	1.92	
Barrera, Tony	1.80	
Burk, Stephen	1.94	
Cales, Jonathon	2.03	
Chalkley Jr, Gerald	1.80	
DeCapite, Vanessa	1.72	
Dominguez, Lucio	1.80	
Garcia, Jessica E.	1.80	
Kobrinetz, Joaquin J.	1.81	
Lonsway, Chris	1.50	
Moore, Sean	1.94	
Ragsdale, Kirt	1.80	
Rodriguez, Jesus (Jesse)	1.80	
Sanchez, Christopher	1.80	
Trevino, Robert	1.80	
MAXIMUM	1.88	
MINIMUM	1.72	
RANGE(MAX-MIN)	0.160	
MEAN	1.801	
STANDARD DEVIATION	0.100	
N SIZE	17.000	

Part ID= A8 - C13-STYLE

A8 Y1 Values

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

Rater	UCTOT	
Aguirre, Nancy P	0.79	
Andiloro, Marcello	1.39	
Austin, Philip	1.19	
Barrera, Tony	-0.01	
Burk, Stephen	1.39	
Cales, Jonathon	2.29	
Chalkley Jr, Gerald	-0.01	
DeCapite, Vanessa	-0.81	
Dominguez, Lucio	-0.01	
Garcia, Jessica E.	-0.01	
Kobrinetz, Joaquin J.	0.09	
Lonsway, Chris	-3.01	
Moore, Sean	1.39	
Ragsdale, Kirt	-0.01	
Rodriguez, Jesus (Jesse)	-0.01	
Sanchez, Christopher	-0.01	
Trevino, Robert	-0.01	
MAXIMUM	-0.81	
MINIMUM	-0.01	
RANGE(MAX-MIN)	-0.800	
MEAN	0.000	
STANDARD DEVIATION	0.429	
N SIZE	17.000	

Lab Raters (March 11-15, 2024)

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	0.75	1.88	9.82	1.55	5.78	9.90	9.90
Allen, Duane	0.75	1.88	9.78	1.63	5.29	9.90	9.90
Andiloro, Marcello	0.75	1.90	9.79	1.38	5.33	9.90	9.90
Austin, Philip	0.70	1.85	9.52	1.57	5.90	9.80	9.75
Barrera, Tony	0.75	1.84	9.65	1.34	5.30	9.90	9.90
Burk, Stephen	0.75	1.69	9.87	1.31	6.15	9.90	9.90
Cales, Jonathon	0.75	1.84	9.90	1.50	5.41	9.90	9.90
Caproni, David	0.75	1.74	9.90	1.58	5.85	9.90	9.90
Chalkley Jr, Gerald	0.75	1.80	9.85	1.69	5.66	9.90	9.90
Cumberworth, Lee	0.75	1.84	9.69	1.27	6.19	9.90	9.90
DeCapite, Vanessa	0.75	1.74	9.80	1.27	5.51	9.90	9.90
Dominguez, Lucio	0.75	1.78	9.78	1.31	5.58	9.90	9.89
Garcia, Jessica E.	0.75	1.67	9.85	1.24	5.88	9.89	9.90
Kobrinetz, Joaquin J.	0.75	1.78	9.80	1.37	5.63	9.90	9.90
Lonsway, Chris	0.75	1.96	9.87	1.68	6.07	9.90	9.90
Moore, Sean	0.75	1.76	9.81	1.39	5.51	9.90	9.84
Ragsdale, Kirt	0.75	1.73	9.80	1.54	5.93	9.80	9.80
Rodriguez, Jesus (Jesse)	0.75	1.88	9.85	1.56	5.75	9.90	9.90
Sanchez, Christopher	0.75	1.64	9.79	1.62	5.66	9.90	9.90
Trevino, Robert	0.75	1.82	9.82	1.57	5.84	9.92	9.92
MAXIMUM	0.75	1.88	9.82	1.62	5.93	9.92	9.92
MINIMUM	0.75	1.64	9.65	1.27	5.30	9.80	9.80
RANGE(MAX-MIN)	0.000	0.240	0.170	0.350	0.630	0.120	0.120
MEAN	0.750	1.776	9.783	1.446	5.654	9.890	9.889
STANDARD DEVIATION	0.100	0.100	0.100	0.137	0.200	0.100	0.100
N SIZE	20.000						

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	0.00	1.04	0.38	0.76	0.63	0.10	0.11
Allen, Duane	0.00	1.04	-0.03	1.34	-1.82	0.10	0.11
Andiloro, Marcello	0.00	1.24	0.08	-0.48	-1.62	0.10	0.11
Austin, Philip	-0.50	0.74	-2.63	0.90	1.23	-0.90	-1.39
Barrera, Tony	0.00	0.64	-1.33	-0.77	-1.77	0.10	0.11
Burk, Stephen	0.00	-0.86	0.88	-0.99	2.49	0.10	0.11
Cales, Jonathon	0.00	0.64	1.18	0.39	-1.22	0.10	0.11
Caproni, David	0.00	-0.36	1.18	0.97	0.98	0.10	0.11
Chalkley Jr, Gerald	0.00	0.24	0.68	1.78	0.03	0.10	0.11
Cumberworth, Lee	0.00	0.64	-0.93	-1.28	2.69	0.10	0.11
DeCapite, Vanessa	0.00	-0.36	0.18	-1.28	-0.72	0.10	0.11
Dominguez, Lucio	0.00	0.04	-0.03	-0.99	-0.37	0.10	0.01
Garcia, Jessica E.	0.00	-1.06	0.68	-1.50	1.13	0.00	0.11
Kobrinetz, Joaquin J.	0.00	0.04	0.18	-0.56	-0.12	0.10	0.11
Lonsway, Chris	0.00	1.84	0.88	1.70	2.09	0.10	0.11
Moore, Sean	0.00	-0.16	0.28	-0.41	-0.72	0.10	-0.49
Ragsdale, Kirt	0.00	-0.46	0.18	0.68	1.38	-0.90	-0.89
Rodriguez, Jesus (Jesse)	0.00	1.04	0.68	0.83	0.48	0.10	0.11
Sanchez, Christopher	0.00	-1.36	0.08	1.27	0.03	0.10	0.11
Trevino, Robert	0.00	0.44	0.38	0.90	0.93	0.30	0.31
MAXIMUM	0.00	-1.36	-1.33	-1.28	-1.77	-0.90	-0.89
MINIMUM	0.00	0.04	-0.03	-0.56	0.03	0.10	0.01
RANGE(MAX-MIN)	0.000	-1.400	-1.300	-0.729	-1.804	-1.000	-0.900
MEAN	0.000	0.000	0.000	0.000	0.000	0.000	0.000
STANDARD DEVIATION	0.100	0.744	0.552	1.000	1.000	0.370	0.368
N SIZE	20.000						

PART_ID	RATER	WPD
B1	Aguirre, Nancy P	5.629
B1	Allen, Duane	5.463
B1	Andiloro, Marcello	5.4425
B1	Austin, Philip	5.552
B1	Barrera, Tony	5.3815
B1	Burk, Stephen	5.654
B1	Cales, Jonathon	5.4755
B1	Caproni, David	5.6385
B1	Chalkley Jr, Gerald	5.579
B1	Cumberworth, Lee	5.623
B1	DeCapite, Vanessa	5.447
B1	Dominguez, Lucio	5.4875
B1	Garcia, Jessica E.	5.548
B1	Kobrinetz, Joaquin J.	5.496
B1	Lonsway, Chris	5.7425
B1	Moore, Sean	5.486
B1	Ragsdale, Kirt	5.6115
B1	Rodriguez, Jesus (Jesse	5.5985
B1	Sanchez, Christopher	5.5565
B1	Trevino, Robert	5.628

Lab Raters (March 11-15, 2024)

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	1.16	0.85	9.69	1.37	4.73	9.90	9.90
Allen, Duane	1.25	0.98	9.64	1.16	3.87	9.90	9.90
Andiloro, Marcello	1.27	0.94	9.72	1.47	4.28	9.88	9.86
Austin, Philip	1.15	0.81	9.56	1.38	4.23	9.70	9.70
Barrera, Tony	1.04	0.96	9.61	1.09	3.64	9.89	9.89
Burk, Stephen	0.99	0.80	9.61	1.17	4.97	9.90	9.89
Cales, Jonathon	1.07	1.06	9.49	1.38	3.93	9.85	9.89
Caproni, David	0.90	0.91	9.60	1.27	4.26	9.90	9.90
Chalkley Jr, Gerald	1.08	0.85	9.62	1.16	4.21	9.90	9.90
Cumberworth, Lee	1.03	0.97	9.75	1.05	4.06	9.90	9.89
DeCapite, Vanessa	0.91	0.82	9.61	1.17	3.92	9.90	9.90
Dominguez, Lucio	1.02	0.84	9.58	1.07	4.12	9.90	9.89
Garcia, Jessica E.	0.99	0.88	9.57	1.14	3.86	9.90	9.90
Kobrinetz, Joaquin J.	1.04	0.84	9.70	1.14	4.44	9.90	9.90
Lonsway, Chris	0.99	0.88	9.81	1.62	3.82	9.90	9.90
Moore, Sean	1.18	0.89	9.66	1.34	4.41	9.89	9.89
Ragsdale, Kirt	1.26	0.88	9.63	1.54	5.22	9.80	9.80
Rodriguez, Jesus (Jesse)	1.18	0.80	9.60	1.00	4.71	9.90	9.90
Sanchez, Christopher	1.14	0.90	9.62	1.25	4.81	9.90	9.90
Trevino, Robert	1.14	0.87	9.61	1.22	4.42	9.90	9.90
MAXIMUM	1.26	0.96	9.70	1.54	5.22	9.90	9.90
MINIMUM	0.91	0.82	9.58	1.07	3.64	9.80	9.80
RANGE(MAX-MIN)	0.350	0.140	0.120	0.470	1.580	0.100	0.100
MEAN	1.089	0.870	9.631	1.231	4.413	9.886	9.885
STANDARD DEVIATION	0.108	0.100	0.100	0.157	0.512	0.100	0.100
N SIZE	20.000						

Part ID= B2 - SEQUENCE IIIH PISTON

B2 Y1 Values

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

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	FRTOT	RRTOT
Aguirre, Nancy P	0.66	-0.20	0.59	0.88	0.62	0.14	0.15
Allen, Duane	1.50	1.10	0.09	-0.45	-1.06	0.14	0.15
Andiloro, Marcello	1.68	0.70	0.89	1.52	-0.26	-0.06	-0.25
Austin, Philip	0.57	-0.60	-0.71	0.95	-0.36	-1.86	-1.85
Barrera, Tony	-0.45	0.90	-0.21	-0.90	-1.51	0.04	0.05
Burk, Stephen	-0.92	-0.70	-0.21	-0.39	1.09	0.14	0.05
Cales, Jonathon	-0.17	1.90	-1.41	0.95	-0.94	-0.36	0.05
Caproni, David	-1.75	0.40	-0.31	0.25	-0.30	0.14	0.15
Chalkley Jr, Gerald	-0.08	-0.20	-0.11	-0.45	-0.40	0.14	0.15
Cumberworth, Lee	-0.55	1.00	1.19	-1.15	-0.69	0.14	0.05
DeCapite, Vanessa	-1.66	-0.50	-0.21	-0.39	-0.96	0.14	0.15
Dominguez, Lucio	-0.64	-0.30	-0.51	-1.03	-0.57	0.14	0.05
Garcia, Jessica E.	-0.92	0.10	-0.61	-0.58	-1.08	0.14	0.15
Kobrinetz, Joaquin J.	-0.45	-0.30	0.69	-0.58	0.05	0.14	0.15
Lonsway, Chris	-0.92	0.10	1.79	2.47	-1.16	0.14	0.15
Moore, Sean	0.85	0.20	0.29	0.69	0.00	0.04	0.05
Ragsdale, Kirt	1.59	0.10	-0.01	1.96	1.58	-0.86	-0.85
Rodriguez, Jesus (Jesse)	0.85	-0.70	-0.31	-1.47	0.58	0.14	0.15
Sanchez, Christopher	0.48	0.30	-0.11	0.12	0.78	0.14	0.15
Trevino, Robert	0.48	0.00	-0.21	-0.07	0.01	0.14	0.15
MAXIMUM	-1.66	0.90	0.69	1.96	1.58	-0.86	-0.85
MINIMUM	-0.45	0.00	-0.01	-0.07	0.01	0.04	0.05
RANGE(MAX-MIN)	-1.208	0.900	0.700	2.035	1.562	-0.900	-0.900
MEAN	0.000	0.000	0.000	0.000	0.000	0.000	0.000
STANDARD DEVIATION	1.000	0.444	0.419	1.000	1.000	0.350	0.346
N SIZE	20.000						

PART_ID	RATER	WPD
B2	Aguirre, Nancy P	5.1785
B2	Allen, Duane	4.8735
B2	Andiloro, Marcello	5.054
B2	Austin, Philip	4.9415
B2	Barrera, Tony	4.7635
B2	Burk, Stephen	5.1495
B2	Cales, Jonathon	4.8665
B2	Caproni, David	4.9795
B2	Chalkley Jr, Gerald	4.94
B2	Cumberworth, Lee	4.8895
B2	DeCapite, Vanessa	4.833
B2	Dominguez, Lucio	4.893
B2	Garcia, Jessica E.	4.8045
B2	Kobrinetz, Joaquin J.	5.005
B2	Lonsway, Chris	4.9505
B2	Moore, Sean	5.055
B2	Ragsdale, Kirt	5.305
B2	Rodriguez, Jesus (Jesse	5.066
B2	Sanchez, Christopher	5.1575
B2	Trevino, Robert	5.03

Lab Raters (March 11-15, 2024)

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	0.96	1.57	9.54	2.60	6.78	9.90	9.90
Allen, Duane	0.98	1.68	9.59	2.58	6.22	9.80	9.80
Andiloro, Marcello	0.97	1.96	9.68	2.56	6.59	9.86	9.86
Austin, Philip	0.80	1.56	9.61	2.78	6.75	9.75	9.75
Barrera, Tony	0.61	1.44	9.49	2.23	6.47	9.89	9.89
Burk, Stephen	0.77	1.63	9.45	2.33	6.96	9.90	9.90
Cales, Jonathon	0.96	1.77	9.76	2.53	6.31	9.90	9.90
Caproni, David	0.64	1.86	9.66	2.27	6.60	9.90	9.90
Chalkley Jr, Gerald	0.83	1.83	9.66	2.08	6.59	9.90	9.90
Cumberworth, Lee	0.75	1.45	9.68	3.10	6.51	9.90	9.90
DeCapite, Vanessa	0.75	1.61	9.66	2.56	6.29	9.90	9.90
Dominguez, Lucio	0.80	1.81	9.65	2.47	6.12	9.90	9.90
Garcia, Jessica E.	0.80	1.72	9.56	2.59	6.37	9.90	9.90
Kobrinetz, Joaquin J.	0.83	1.68	9.70	2.28	6.76	9.90	9.90
Lonsway, Chris	0.75	1.57	9.78	2.45	6.57	9.90	9.90
Moore, Sean	0.85	1.69	9.57	2.80	6.35	9.90	9.90
Ragsdale, Kirt	0.88	1.50	9.60	2.79	6.77	9.70	9.70
Rodriguez, Jesus (Jesse)	0.76	1.57	9.58	2.44	6.28	9.90	9.90
Sanchez, Christopher	0.95	1.81	9.54	2.59	6.73	9.90	9.90
Trevino, Robert	0.91	1.78	9.51	2.55	6.71	9.90	9.90
MAXIMUM	0.96	1.81	9.70	2.79	6.78	9.90	9.90
MINIMUM	0.61	1.44	9.49	2.23	6.12	9.70	9.70
RANGE(MAX-MIN)	0.350	0.370	0.210	0.560	0.660	0.200	0.200
MEAN	0.836	1.650	9.586	2.509	6.579	9.874	9.874
STANDARD DEVIATION	0.117	0.143	0.100	0.181	0.255	0.100	0.100
N SIZE	20.000						

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	1.06	-0.56	-0.46	0.50	0.79	0.26	0.26
Allen, Duane	1.23	0.21	0.04	0.39	-1.41	-0.74	-0.74
Andiloro, Marcello	1.14	2.16	0.94	0.28	0.04	-0.14	-0.14
Austin, Philip	-0.31	-0.63	0.24	1.50	0.67	-1.24	-1.24
Barrera, Tony	-1.94	-1.47	-0.96	-1.54	-0.43	0.16	0.16
Burk, Stephen	-0.57	-0.14	-1.36	-0.99	1.49	0.26	0.26
Cales, Jonathon	1.06	0.84	1.74	0.12	-1.05	0.26	0.26
Caproni, David	-1.68	1.47	0.74	-1.32	0.08	0.26	0.26
Chalkley Jr, Gerald	-0.05	1.26	0.74	-2.37	0.04	0.26	0.26
Cumberworth, Lee	-0.74	-1.40	0.94	3.26	-0.27	0.26	0.26
DeCapite, Vanessa	-0.74	-0.28	0.74	0.28	-1.13	0.26	0.26
Dominguez, Lucio	-0.31	1.12	0.64	-0.21	-1.80	0.26	0.26
Garcia, Jessica E.	-0.31	0.49	-0.26	0.45	-0.82	0.26	0.26
Kobrinetz, Joaquin J.	-0.05	0.21	1.14	-1.26	0.71	0.26	0.26
Lonsway, Chris	-0.74	-0.56	1.94	-0.32	-0.03	0.26	0.26
Moore, Sean	0.12	0.28	-0.16	1.61	-0.90	0.26	0.26
Ragsdale, Kirt	0.37	-1.05	0.14	1.55	0.75	-1.74	-1.74
Rodriguez, Jesus (Jesse)	-0.65	-0.56	-0.06	-0.38	-1.17	0.26	0.26
Sanchez, Christopher	0.97	1.12	-0.46	0.45	0.59	0.26	0.26
Trevino, Robert	0.63	0.91	-0.76	0.23	0.51	0.26	0.26
MAXIMUM	-1.94	-1.47	1.14	1.55	-1.80	-1.74	-1.74
MINIMUM	-0.05	0.21	0.14	-0.21	-0.43	0.16	0.16
RANGE(MAX-MIN)	-1.883	-1.676	1.000	1.766	-1.372	-1.900	-1.900
MEAN	0.000	0.000	0.000	0.000	0.000	0.000	0.000
STANDARD DEVIATION	1.000	1.000	0.774	1.000	1.000	0.703	0.703
N SIZE	20.000						

PART_ID	RATER	WPD
B3	Aguirre, Nancy P	6.01
B3	Allen, Duane	5.828
B3	Andiloro, Marcello	5.9885
B3	Austin, Philip	5.98
B3	Barrera, Tony	5.786
B3	Burk, Stephen	5.961
B3	Cales, Jonathon	5.8755
B3	Caproni, David	5.9255
B3	Chalkley Jr, Gerald	5.8855
B3	Cumberworth, Lee	5.9525
B3	DeCapite, Vanessa	5.8335
B3	Dominguez, Lucio	5.8035
B3	Garcia, Jessica E.	5.8475
B3	Kobrinetz, Joaquin J.	5.9455
B3	Lonsway, Chris	5.951
B3	Moore, Sean	5.9025
B3	Ragsdale, Kirt	5.9845
B3	Rodriguez, Jesus (Jesse	5.805
B3	Sanchez, Christopher	6
B3	Trevino, Robert	5.976

Lab Raters (March 11-15, 2024)

Part ID= B4 - SEQUENCE IIIH PISTON

Rated Values

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

Rater	UCTOT	
Aguirre, Nancy P	4.83	
Allen, Duane	4.60	
Andiloro, Marcello	4.61	
Austin, Philip	4.45	
Barrera, Tony	4.49	
Burk, Stephen	4.42	
Cales, Jonathon	4.36	
Caproni, David	4.65	
Chalkley Jr, Gerald	4.50	
Cumberworth, Lee	4.26	
DeCapite, Vanessa	4.42	
Dominguez, Lucio	4.56	
Garcia, Jessica E.	4.34	
Kobrinetz, Joaquin J.	4.36	
Lonsway, Chris	4.72	
Moore, Sean	4.62	
Ragsdale, Kirt	4.51	
Rodriguez, Jesus (Jesse)	4.54	
Sanchez, Christopher	4.66	
Trevino, Robert	4.65	
MAXIMUM	4.83	
MINIMUM	4.36	
RANGE(MAX-MIN)	0.470	
MEAN	4.560	
STANDARD DEVIATION	0.150	
N SIZE	20.000	

Part ID= B4 - SEQUENCE IIIH PISTON

B4 YI Values

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

Rater	UCTOT	
Aguirre, Nancy P	1.80	
Allen, Duane	0.27	
Andiloro, Marcello	0.33	
Austin, Philip	-0.73	
Barrera, Tony	-0.47	
Burk, Stephen	-0.93	
Cales, Jonathon	-1.33	
Caproni, David	0.60	
Chalkley Jr, Gerald	-0.40	
Cumberworth, Lee	-2.00	
DeCapite, Vanessa	-0.93	
Dominguez, Lucio	0.00	
Garcia, Jessica E.	-1.46	
Kobrinetz, Joaquin J.	-1.33	
Lonsway, Chris	1.07	
Moore, Sean	0.40	
Ragsdale, Kirt	-0.33	
Rodriguez, Jesus (Jesse)	-0.13	
Sanchez, Christopher	0.67	
Trevino, Robert	0.60	
MAXIMUM	1.80	
MINIMUM	0.00	
RANGE(MAX-MIN)	1.797	
MEAN	0.000	
STANDARD DEVIATION	1.000	
N SIZE	20.000	

Lab Raters (March 11-15, 2024)

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	1.78	4.22	9.78	0.98	9.69	9.87	9.90
Allen, Duane	1.68	4.18	9.77	0.91	9.73	9.70	9.70
Andiloro, Marcello	1.66	4.61	9.82	0.92	9.76	9.89	9.90
Austin, Philip	1.61	4.28	9.73	1.01	9.73	9.75	9.75
Barrera, Tony	1.69	4.66	9.88	0.95	9.68	9.88	9.89
Burk, Stephen	1.76	4.70	9.75	0.95	9.67	9.90	9.90
Cales, Jonathon	2.05	4.99	9.80	1.09	9.70	9.90	9.90
Caproni, David	2.13	5.90	9.90	1.06	9.79	9.90	9.90
Chalkley Jr, Gerald	1.85	4.20	9.86	0.93	9.82	9.90	9.90
Cumberworth, Lee	1.60	4.16	9.80	0.89	9.86	9.89	9.90
DeCapite, Vanessa	1.72	4.11	9.80	0.95	9.80	9.80	9.90
Dominguez, Lucio	1.89	4.80	9.78	0.90	9.86	9.89	9.89
Garcia, Jessica E.	1.71	4.96	9.81	0.83	9.86	9.89	9.90
Kobrinetz, Joaquin J.	1.80	4.00	9.90	0.92	9.85	9.90	9.90
Lonsway, Chris	1.82	5.03	9.90	0.99	9.88	9.90	9.90
Moore, Sean	1.77	4.45	9.83	0.85	9.82	9.89	9.88
Ragsdale, Kirt	1.68	4.16	9.76	0.89	9.61	9.80	9.80
Rodriguez, Jesus (Jesse)	1.62	4.16	9.80	0.97	9.79	9.90	9.90
Sanchez, Christopher	1.86	4.75	9.80	0.86	9.83	9.86	9.88
Trevino, Robert	1.87	4.73	9.86	0.86	9.85	9.90	9.90
MAXIMUM	1.89	4.80	9.90	0.98	9.86	9.90	9.90
MINIMUM	1.68	4.00	9.76	0.86	9.61	9.80	9.80
RANGE(MAX-MIN)	0.210	0.800	0.140	0.120	0.250	0.100	0.100
MEAN	1.786	4.429	9.820	0.914	9.771	9.863	9.883
STANDARD DEVIATION	0.100	0.335	0.100	0.100	0.100	0.100	0.100
N SIZE	20.000						

Part ID= B5 - GMOD PISTON

B5 Y1 Values

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

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	THTOT	ATTOT
Aguirre, Nancy P	-0.06	-0.62	-0.40	0.66	-0.81	0.08	0.18
Allen, Duane	-1.06	-0.74	-0.50	-0.04	-0.41	-1.63	-1.83
Andiloro, Marcello	-1.26	0.54	0.00	0.06	-0.11	0.28	0.18
Austin, Philip	-1.76	-0.44	-0.90	0.96	-0.41	-1.13	-1.33
Barrera, Tony	-0.96	0.69	0.60	0.36	-0.91	0.18	0.08
Burk, Stephen	-0.26	0.81	-0.70	0.36	-1.01	0.38	0.18
Cales, Jonathon	2.64	1.67	-0.20	1.76	-0.71	0.38	0.18
Caproni, David	3.44	4.39	0.80	1.46	0.19	0.38	0.18
Chalkley Jr, Gerald	0.64	-0.68	0.40	0.16	0.49	0.38	0.18
Cumberworth, Lee	-1.86	-0.80	-0.20	-0.24	0.89	0.28	0.18
DeCapite, Vanessa	-0.66	-0.95	-0.20	0.36	0.29	-0.63	0.18
Dominguez, Lucio	1.04	1.11	-0.40	-0.14	0.89	0.28	0.08
Garcia, Jessica E.	-0.76	1.58	-0.10	-0.84	0.89	0.28	0.18
Kobrinetz, Joaquin J.	0.14	-1.28	0.80	0.06	0.79	0.38	0.18
Lonsway, Chris	0.34	1.79	0.80	0.76	1.09	0.38	0.18
Moore, Sean	-0.16	0.06	0.10	-0.64	0.49	0.28	-0.03
Ragsdale, Kirt	-1.06	-0.80	-0.60	-0.24	-1.61	-0.63	-0.83
Rodriguez, Jesus (Jesse)	-1.66	-0.80	-0.20	0.56	0.19	0.38	0.18
Sanchez, Christopher	0.74	0.96	-0.20	-0.54	0.59	-0.03	-0.03
Trevino, Robert	0.84	0.90	0.40	-0.54	0.79	0.38	0.18
MAXIMUM	-1.06	-1.28	0.80	0.66	-1.61	-0.63	-0.83
MINIMUM	-0.06	-0.62	-0.20	0.06	0.29	-0.03	-0.03
RANGE(MAX-MIN)	-1.000	-0.656	1.000	0.600	-1.900	-0.600	-0.800
MEAN	0.000	0.000	0.000	0.000	0.000	0.000	0.000
STANDARD DEVIATION	0.831	1.000	0.524	0.441	0.967	0.410	0.341
N SIZE	20.000						

PART_ID	RATER	WPD
B5	Aguirre, Nancy P	5.93312
B5	Allen, Duane	5.90532
B5	Andiloro, Marcello	5.98755
B5	Austin, Philip	5.90602
B5	Barrera, Tony	5.94748
B5	Burk, Stephen	6.04111
B5	Chalkley Jr, Gerald	5.95742
B5	Cumberworth, Lee	5.91538
B5	DeCapite, Vanessa	5.8967
B5	Dominguez, Lucio	6.05966
B5	Garcia, Jessica E.	6.15345
B5	Kobrinetz, Joaquin J.	5.93171
B5	Lonsway, Chris	6.11542
B5	Moore, Sean	5.97609
B5	Ragsdale, Kirt	5.81095
B5	Rodriguez, Jesus (Jesse	5.96538
B5	Sanchez, Christopher	6.03896
B5	Trevino, Robert	6.0411

Lab Raters (March 11-15, 2024)

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	0.75	3.70	9.85	0.99	7.72	9.78	9.82
Allen, Duane	0.75	3.80	9.80	0.90	6.99	9.65	9.70
Andiloro, Marcello	0.75	4.07	9.90	0.88	7.24	9.80	9.89
Austin, Philip	0.75	2.90	9.69	1.00	7.54	9.70	9.80
Barrera, Tony	0.75	3.04	9.87	0.94	7.06	9.88	9.90
Burk, Stephen	0.75	3.16	9.77	1.00	7.06	9.67	9.68
Cales, Jonathon	0.75	3.21	9.90	1.04	6.74	9.85	9.90
Chalkley Jr, Gerald	0.75	2.99	9.80	0.96	6.96	9.80	9.90
Cumberworth, Lee	0.75	3.42	9.88	0.90	7.47	9.85	9.90
DeCapite, Vanessa	0.75	3.33	9.90	0.89	6.95	9.70	9.80
Dominguez, Lucio	0.75	3.94	9.70	0.90	7.44	9.68	9.80
Garcia, Jessica E.	0.75	3.09	9.87	0.88	6.92	9.80	9.90
Kobrinetz, Joaquin J.	0.75	3.14	9.80	0.82	7.32	9.90	9.90
Lonsway, Chris	0.75	4.05	9.90	1.03	7.94	9.90	9.87
Moore, Sean	0.75	3.19	9.82	0.84	7.23	9.80	9.88
Ragsdale, Kirt	0.75	3.45	9.77	0.92	7.42	9.80	9.80
Rodriguez, Jesus (Jesse)	0.75	3.22	9.90	0.95	6.34	9.88	9.90
Sanchez, Christopher	0.75	4.34	9.88	0.89	7.66	9.81	9.81
Trevino, Robert	0.75	3.75	9.89	0.95	7.42	9.84	9.89
MAXIMUM	0.75	4.34	9.90	0.99	7.72	9.90	9.90
MINIMUM	0.75	3.04	9.70	0.82	6.95	9.68	9.80
RANGE(MAX-MIN)	0.000	1.300	0.200	0.170	0.770	0.220	0.100
MEAN	0.750	3.586	9.833	0.913	7.374	9.799	9.840
STANDARD DEVIATION	0.100	0.433	0.100	0.100	0.265	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	0.00	0.26	0.18	0.78	1.31	-0.19	-0.20
Allen, Duane	0.00	0.49	-0.33	-0.13	-1.45	-1.49	-1.40
Andiloro, Marcello	0.00	1.12	0.68	-0.33	-0.50	0.01	0.50
Austin, Philip	0.00	-1.58	-1.43	0.88	0.63	-0.99	-0.40
Barrera, Tony	0.00	-1.26	0.38	0.28	-1.18	0.81	0.60
Burk, Stephen	0.00	-0.98	-0.63	0.88	-1.18	-1.29	-1.60
Cales, Jonathon	0.00	-0.87	0.68	1.28	-2.39	0.51	0.60
Chalkley Jr, Gerald	0.00	-1.38	-0.33	0.48	-1.56	0.01	0.60
Cumberworth, Lee	0.00	-0.38	0.48	-0.13	0.36	0.51	0.60
DeCapite, Vanessa	0.00	-0.59	0.68	-0.23	-1.60	-0.99	-0.40
Dominguez, Lucio	0.00	0.82	-1.33	-0.13	0.25	-1.19	-0.40
Garcia, Jessica E.	0.00	-1.15	0.38	-0.33	-1.71	0.01	0.60
Kobrinetz, Joaquin J.	0.00	-1.03	-0.33	-0.93	-0.20	1.01	0.60
Lonsway, Chris	0.00	1.07	0.68	1.18	2.14	1.01	0.30
Moore, Sean	0.00	-0.91	-0.13	-0.73	-0.54	0.01	0.40
Ragsdale, Kirt	0.00	-0.31	-0.63	0.08	0.17	0.01	-0.40
Rodriguez, Jesus (Jesse)	0.00	-0.85	0.68	0.38	-3.90	0.81	0.60
Sanchez, Christopher	0.00	1.74	0.48	-0.23	1.08	0.11	-0.30
Trevino, Robert	0.00	0.38	0.58	0.38	0.17	0.41	0.50
MAXIMUM	0.00	1.74	-1.33	-0.93	-1.60	-1.19	0.60
MINIMUM	0.00	0.26	0.18	0.08	0.17	0.01	-0.20
RANGE(MAX-MIN)	0.000	1.477	-1.500	-1.000	-1.774	-1.200	0.800
MEAN	0.000	0.000	0.000	0.000	0.000	0.000	0.000
STANDARD DEVIATION	0.100	1.000	0.701	0.506	1.000	0.783	0.475
N SIZE	19,000						

PART_ID	RATER	WPD
B6	Aguirre, Nancy P	4.94264
B6	Allen, Duane	4.60735
B6	Andiloro, Marcello	4.75608
B6	Austin, Philip	4.70597
B6	Barrera, Tony	4.52296
B6	Burk, Stephen	4.64019
B6	Chalkley Jr, Gerald	4.48577
B6	Cumberworth, Lee	4.72604
B6	DeCapite, Vanessa	4.4808
B6	Dominguez, Lucio	4.81756
B6	Garcia, Jessica E.	4.56732
B6	Kobrinetz, Joaquin J.	4.62741
B6	Lonsway, Chris	5.07561
B6	Moore, Sean	4.61024
B6	Ragsdale, Kirt	4.7103
B6	Rodriguez, Jesus (Jesse	4.28486
B6	Sanchez, Christopher	4.97701
B6	Trevino, Robert	4.79823

Lab Raters (March 11-15, 2024)

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
Aguirre, Nancy P	0.75	9.62	9.58	0.75	9.69	9.78	9.87
Allen, Duane	0.76	9.15	9.60	0.89	9.34	9.78	9.80
Andiloro, Marcello	0.69	9.59	9.79	0.91	9.79	9.80	9.88
Austin, Philip	0.72	9.26	9.51	1.00	9.69	9.70	9.74
Barrera, Tony	0.75	9.17	9.60	0.84	9.33	9.81	9.84
Burk, Stephen	0.75	9.64	9.64	0.92	9.76	9.72	9.74
Cales, Jonathon	0.69	9.44	9.56	0.83	9.58	9.46	9.71
Caproni, David	0.75	9.60	9.65	0.92	9.72	9.80	9.90
Chalkley Jr, Gerald	0.75	9.47	9.47	0.84	9.83	9.80	9.90
Cumberworth, Lee	0.75	9.60	9.66	0.92	9.74	9.88	9.89
DeCapite, Vanessa	0.75	9.15	9.58	0.84	9.82	9.80	9.80
Dominguez, Lucio	0.74	9.50	9.53	0.84	9.54	9.77	9.78
Garcia, Jessica E.	0.75	9.61	9.49	0.86	9.77	9.75	9.77
Kobrinetz, Joaquin J.	0.75	9.70	9.60	0.83	9.85	9.88	9.88
Lonsway, Chris	0.75	9.81	9.77	0.84	9.81	9.88	9.89
Moore, Sean	0.75	9.47	9.62	0.83	9.75	9.85	9.88
Ragsdale, Kirt	0.69	9.58	9.62	0.92	9.69	9.76	9.76
Rodriguez, Jesus (Jesse)	0.68	9.66	9.71	0.75	9.88	9.79	9.77
Sanchez, Christopher	0.75	9.48	9.61	0.84	9.72	9.85	9.85
Trevino, Robert	0.75	9.54	9.70	0.75	9.78	9.86	9.87
MAXIMUM	0.75	9.70	9.70	0.92	9.85	9.88	9.88
MINIMUM	0.69	9.15	9.53	0.75	9.33	9.76	9.76
RANGE(MAX-MIN)	0.060	0.550	0.170	0.170	0.520	0.120	0.120
MEAN	0.741	9.468	9.603	0.826	9.678	9.814	9.831
STANDARD DEVIATION	0.100	0.202	0.100	0.100	0.170	0.100	0.100
N SIZE	20.000						

Part ID= B7 - GMOD PISTON

B7 Y1 Values

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

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	THTOT	ATTOT
Aguirre, Nancy P	0.09	0.75	-0.23	-0.76	0.07	-0.34	0.39
Allen, Duane	0.19	-1.57	-0.03	0.64	-1.99	-0.34	-0.31
Andiloro, Marcello	-0.51	0.61	1.88	0.84	0.66	-0.14	0.49
Austin, Philip	-0.21	-1.03	-0.93	1.74	0.07	-1.14	-0.91
Barrera, Tony	0.09	-1.47	-0.03	0.14	-2.04	-0.04	0.09
Burk, Stephen	0.09	0.85	0.38	0.94	0.49	-0.94	-0.91
Cales, Jonathon	-0.51	-0.14	-0.43	0.04	-0.57	-3.54	-1.21
Caproni, David	0.09	0.66	0.48	0.94	0.25	-0.14	0.69
Chalkley Jr, Gerald	0.09	0.01	-1.33	0.14	0.90	-0.14	0.69
Cumberworth, Lee	0.09	0.66	0.58	0.94	0.37	0.66	0.59
DeCapite, Vanessa	0.09	-1.57	-0.23	0.14	0.84	-0.14	-0.31
Dominguez, Lucio	-0.01	0.16	-0.73	0.14	-0.81	-0.44	-0.51
Garcia, Jessica E.	0.09	0.71	-1.13	0.34	0.54	-0.64	-0.61
Kobrinetz, Joaquin J.	0.09	1.15	-0.03	0.04	1.01	0.66	0.49
Lonsway, Chris	0.09	1.70	1.68	0.14	0.78	0.66	0.59
Moore, Sean	0.09	0.01	0.18	0.04	0.43	0.36	0.49
Ragsdale, Kirt	-0.51	0.56	0.18	0.94	0.07	-0.54	-0.71
Rodriguez, Jesus (Jesse)	-0.61	0.95	1.08	-0.76	1.19	-0.24	-0.61
Sanchez, Christopher	0.09	0.06	0.08	0.14	0.25	0.36	0.19
Trevino, Robert	0.09	0.36	0.98	-0.76	0.60	0.46	0.39
MAXIMUM	-0.51	-1.57	0.98	0.94	-2.04	0.66	-0.71
MINIMUM	-0.01	0.06	-0.03	0.04	0.07	-0.04	0.09
RANGE(MAX-MIN)	-0.500	-1.633	1.000	0.900	-2.117	0.700	-0.800
MEAN	0.000	0.000	0.000	0.000	0.000	0.000	0.000
STANDARD DEVIATION	0.210	1.000	0.480	0.550	1.000	0.447	0.455
N SIZE	20.000						

PART_ID	RATER	WPD
B7	Aguirre, Nancy P	6.58297
B7	Allen, Duane	6.37912
B7	Andiloro, Marcello	6.64155
B7	Austin, Philip	6.53567
B7	Barrera, Tony	6.35198
B7	Burk, Stephen	6.70801
B7	Chalkley Jr, Gerald	6.61796
B7	Cumberworth, Lee	6.58789
B7	DeCapite, Vanessa	6.53359
B7	Dominguez, Lucio	6.49999
B7	Garcia, Jessica E.	6.71805
B7	Kobrinetz, Joaquin J.	6.653
B7	Lonsway, Chris	6.66086
B7	Moore, Sean	6.58722
B7	Ragsdale, Kirt	6.55646
B7	Rodriguez, Jesus (Jesse	6.67667
B7	Sanchez, Christopher	6.58507
B7	Trevino, Robert	6.59584

Lab Raters (March 11-15, 2024)

Part ID= B8 - GMOD PISTON

Rated Values

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

Rater	UCTOT	
Aguirre, Nancy P	5.85	
Allen, Duane	5.73	
Andiloro, Marcello	5.78	
Austin, Philip	5.52	
Barrera, Tony	5.63	
Burk, Stephen	6.24	
Chalkley Jr, Gerald	5.69	
Cumberworth, Lee	5.50	
DeCapite, Vanessa	5.45	
Dominguez, Lucio	5.71	
Garcia, Jessica E.	6.40	
Kobrinetz, Joaquin J.	5.66	
Lonsway, Chris	5.71	
Moore, Sean	5.73	
Ragsdale, Kirt	5.48	
Rodriguez, Jesus (Jesse)	5.93	
Sanchez, Christopher	5.78	
Trevino, Robert	5.75	
MAXIMUM	5.85	
MINIMUM	5.45	
RANGE(MAX-MIN)	0.400	
MEAN	5.664	
STANDARD DEVIATION	0.141	
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	1.32	
Allen, Duane	0.47	
Andiloro, Marcello	0.83	
Austin, Philip	-1.02	
Barrera, Tony	-0.24	
Burk, Stephen	4.10	
Chalkley Jr, Gerald	0.19	
Cumberworth, Lee	-1.16	
DeCapite, Vanessa	-1.52	
Dominguez, Lucio	0.33	
Garcia, Jessica E.	5.24	
Kobrinetz, Joaquin J.	-0.03	
Lonsway, Chris	0.33	
Moore, Sean	0.47	
Ragsdale, Kirt	-1.31	
Rodriguez, Jesus (Jesse)	1.89	
Sanchez, Christopher	0.83	
Trevino, Robert	0.61	
MAXIMUM	-1.52	
MINIMUM	-0.03	
RANGE(MAX-MIN)	-1.494	
MEAN	0.000	
STANDARD DEVIATION	1.000	
N SIZE	18.000	

Lab Raters (March 11-15, 2024)

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	15.25	8.75	3.50	4.50	37.00	19.50	
Barrera, Tony	13.00	7.75	1.50	2.50	40.50	20.00	
DeCapite, Vanessa	13.25	8.25	1.75	8.00	35.00	22.00	
Dominguez, Lucio	13.50	10.00	2.00	3.75	38.00	25.50	
Kobrinetz, Joaquin J.	12.00	7.50	1.50	5.50	37.75	18.50	
Lonsway, Chris	13.25	8.00	3.75	11.50	60.75	31.50	
Ragsdale, Kirt	13.00	8.50	2.00	7.50	37.50	22.25	
Sanchez, Christopher	13.25	7.75	2.25	4.50	41.25	23.50	
Trevino, Robert	14.00	8.00	1.75	2.00	40.50	21.00	
MAXIMUM	14.00	10.00	2.25	8.00	41.25	25.50	
MINIMUM	12.00	7.50	1.50	2.00	35.00	18.50	
RANGE(MAX-MIN)	2.000	2.500	0.750	6.000	6.250	7.000	
MEAN	13.143	8.250	1.821	4.821	38.643	21.821	
STANDARD DEVIATION	1.330	1.000	1.000	2.330	2.220	2.300	
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	1.58	0.50	1.68	-0.14	-0.74	-1.01	
Barrera, Tony	-0.11	-0.50	-0.32	-1.00	0.84	-0.79	
DeCapite, Vanessa	0.08	0.00	-0.07	1.36	-1.64	0.08	
Dominguez, Lucio	0.27	1.75	0.18	-0.46	-0.29	1.60	
Kobrinetz, Joaquin J.	-0.86	-0.75	-0.32	0.29	-0.40	-1.44	
Lonsway, Chris	0.08	-0.25	1.93	2.87	9.96	4.21	
Ragsdale, Kirt	-0.11	0.25	0.18	1.15	-0.51	0.19	
Sanchez, Christopher	0.08	-0.50	0.43	-0.14	1.17	0.73	
Trevino, Robert	0.64	-0.25	-0.07	-1.21	0.84	-0.36	
MAXIMUM	-0.86	1.75	0.43	1.36	-1.64	1.60	
MINIMUM	0.08	0.00	-0.07	-0.14	-0.29	0.08	
RANGE(MAX-MIN)	-0.940	1.750	0.500	1.502	-1.351	1.522	
MEAN	0.000	0.000	0.000	0.000	0.000	0.000	
STANDARD DEVIATION	0.459	0.842	0.278	0.996	0.999	0.998	
N SIZE	9.000						

Lab Raters (March 11-15, 2024)

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	37.50	12.75	46.00	5.00	21.25	19.00
Barrera, Tony	36.75	13.00	48.75	3.75	23.50	17.00
DeCapite, Vanessa	37.75	13.50	41.00	4.00	20.50	18.25
Dominguez, Lucio	37.00	14.50	38.25	4.25	23.25	18.00
Kobrinetz, Joaquin J.	38.50	16.00	42.25	3.50	21.50	15.25
Ragsdale, Kirt	36.75	15.50	48.50	3.50	23.25	19.00
Sanchez, Christopher	38.25	14.75	47.00	2.25	20.25	18.25
Trevino, Robert	37.50	12.50	45.75	3.50	24.00	18.25
MAXIMUM	38.50	16.00	48.75	4.25	24.00	19.00
MINIMUM	36.75	12.50	38.25	2.25	20.25	15.25
RANGE(MAX-MIN)	1.750	3.500	10.500	2.000	3.750	3.750
MEAN	37.500	14.250	44.500	3.536	22.321	17.714
STANDARD DEVIATION	1.000	1.300	4.050	1.000	1.540	1.510
N SIZE	8.000					

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	0.00	-1.15	0.37	1.46	-0.70	0.85
Barrera, Tony	-0.75	-0.96	1.05	0.21	0.77	-0.47
DeCapite, Vanessa	0.25	-0.58	-0.86	0.46	-1.18	0.35
Dominguez, Lucio	-0.50	0.19	-1.54	0.71	0.60	0.19
Kobrinetz, Joaquin J.	1.00	1.35	-0.56	-0.04	-0.53	-1.63
Ragsdale, Kirt	-0.75	0.96	0.99	-0.04	0.60	0.85
Sanchez, Christopher	0.75	0.38	0.62	-1.29	-1.35	0.35
Trevino, Robert	0.00	-1.35	0.31	-0.04	1.09	0.35
MAXIMUM	1.00	1.35	-1.54	-1.29	-1.35	-1.63
MINIMUM	0.00	0.19	0.31	-0.04	-0.53	0.19
RANGE(MAX-MIN)	1.000	1.154	-1.852	-1.250	-0.812	-1.821
MEAN	0.000	0.000	0.000	0.000	0.000	0.000
STANDARD DEVIATION	0.707	0.999	0.999	0.636	0.999	0.819
N SIZE	8.000					

Lab Raters (March 11-15, 2024)

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

Rated Values

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

Rater	R1DFEMF	R2DFEMF	R3DFEMF	R4DFEMF	R5DFEMF	R6DFEMF
Allen, Duane	73.50	68.00	41.75	41.50	30.50	30.75
Austin, Philip	62.50	50.50	51.00	37.25	24.50	26.50
Barrera, Tony	64.00	60.25	47.50	37.00	22.50	26.00
Chalkley Jr, Gerald	59.25	61.25	47.25	40.75	23.25	25.25
Cumberworth, Lee	62.75	56.00	47.25	35.75	23.00	24.75
DeCapite, Vanessa	57.50	52.50	45.75	46.00	29.00	28.00
Dominguez, Lucio	64.75	58.50	50.00	41.50	28.25	26.00
Kobrinetz, Joaquin J.	62.25	54.75	45.00	40.75	23.75	29.25
Ragsdale, Kirt	65.50	57.25	50.25	38.25	26.75	26.50
Sanchez, Christopher	67.00	55.25	44.75	37.75	22.75	25.00
Trevino, Robert	66.25	58.25	50.00	39.25	25.00	25.00
MAXIMUM	67.00	60.25	50.25	46.00	29.00	29.25
MINIMUM	57.50	52.50	44.75	37.00	22.50	25.00
RANGE(MAX-MIN)	9.500	7.750	5.500	9.000	6.500	4.250
MEAN	63.893	56.679	47.607	40.071	25.429	26.536
STANDARD DEVIATION	3.217	2.649	2.478	3.068	2.621	1.571
N SIZE	11.000					

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

L1-6 YI Values

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

Rater	R1DFEMF	R2DFEMF	R3DFEMF	R4DFEMF	R5DFEMF	R6DFEMF
Allen, Duane	2.99	4.27	-2.36	0.47	1.94	2.68
Austin, Philip	-0.43	-2.33	1.37	-0.92	-0.35	-0.02
Barrera, Tony	0.03	1.35	-0.04	-1.00	-1.12	-0.34
Chalkley Jr, Gerald	-1.44	1.73	-0.14	0.22	-0.83	-0.82
Cumberworth, Lee	-0.36	-0.26	-0.14	-1.41	-0.93	-1.14
DeCapite, Vanessa	-1.99	-1.58	-0.75	1.93	1.36	0.93
Dominguez, Lucio	0.27	0.69	0.97	0.47	1.08	-0.34
Kobrinetz, Joaquin J.	-0.51	-0.73	-1.05	0.22	-0.64	1.73
Ragsdale, Kirt	0.50	0.22	1.07	-0.59	0.50	-0.02
Sanchez, Christopher	0.97	-0.54	-1.15	-0.76	-1.02	-0.98
Trevino, Robert	0.73	0.59	0.97	-0.27	-0.16	-0.98
MAXIMUM	-1.99	-1.58	-1.15	1.93	1.36	1.73
MINIMUM	0.03	0.22	-0.04	0.22	-0.16	-0.02
RANGE(MAX-MIN)	-2.020	-1.794	-1.110	1.711	1.526	1.751
MEAN	0.000	0.000	0.000	0.000	0.000	0.000
STANDARD DEVIATION	1.000	1.000	1.000	1.000	1.000	1.000
N SIZE	11.000					

Lab Raters (March 11-15, 2024)

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	8.49	8.69	8.31	8.09	8.91	8.50	8.16	8.02	
Allen, Duane	8.56	8.38	8.26	8.21	8.95	8.07	8.05	7.98	
Austin, Philip	8.42	8.49	8.13	7.89	8.74	8.18	8.18	8.09	
Barrera, Tony	8.34	8.38	8.26	7.98	8.95	8.14	8.14	8.00	
Cales, Jonathon	8.50	8.70	8.03	7.92	9.04	8.40	8.20	7.91	
Caproni, David	8.60	8.56	7.96	7.99	9.00	8.50	8.10	8.20	
Chalkley Jr, Gerald	8.59	8.66	8.08	8.07	8.97	8.49	8.17	8.01	
Cumberworth, Lee	8.56	8.77	8.06	7.95	9.01	8.30	8.06	8.01	
DeCapite, Vanessa	8.41	8.58	8.13	8.07	8.72	8.49	8.15	8.12	
Dominguez, Lucio	8.50	8.71	8.04	7.97	8.96	8.28	8.14	7.95	
Garcia, Jessica E.	8.41	8.44	8.17	7.83	8.75	8.39	8.07	7.95	
Kobrinetz, Joaquin J.	8.50	8.65	8.20	7.91	8.98	8.55	8.25	8.05	
Ragsdale, Kirt	8.49	8.54	8.01	8.23	8.78	8.36	8.15	8.09	
Rodriguez, Jesus (Jesse)	8.49	8.72	8.33	8.08	8.90	8.51	8.14	8.01	
Sanchez, Christopher	8.44	8.59	7.81	7.78	8.96	8.41	8.12	7.92	
Trevino, Robert	8.52	8.57	7.85	7.83	8.93	8.54	8.13	8.01	
MAXIMUM	8.52	8.71	8.31	8.23	8.98	8.55	8.25	8.12	
MINIMUM	8.34	8.38	7.81	7.78	8.72	8.14	8.12	7.92	
RANGE(MAX-MIN)	0.180	0.330	0.500	0.450	0.260	0.410	0.130	0.200	
MEAN	8.461	8.589	8.076	7.983	8.899	8.409	8.155	8.020	
STANDARD DEVIATION	0.110	0.120	0.200	0.150	0.110	0.200	0.110	0.190	
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	0.26	0.84	1.17	0.72	0.10	0.46	0.05	0.00	
Allen, Duane	0.90	-1.74	0.92	1.52	0.47	-1.69	-0.95	-0.21	
Austin, Philip	-0.38	-0.82	0.27	-0.62	-1.44	-1.14	0.23	0.37	
Barrera, Tony	-1.10	-1.74	0.92	-0.02	0.47	-1.34	-0.14	-0.11	
Cales, Jonathon	0.35	0.93	-0.23	-0.42	1.28	-0.04	0.41	-0.58	
Caproni, David	1.26	-0.24	-0.58	0.05	0.92	0.46	-0.50	0.95	
Chalkley Jr, Gerald	1.17	0.59	0.02	0.58	0.65	0.41	0.14	-0.05	
Cumberworth, Lee	0.90	1.51	-0.08	-0.22	1.01	-0.54	-0.86	-0.05	
DeCapite, Vanessa	-0.47	-0.07	0.27	0.58	-1.63	0.41	-0.05	0.53	
Dominguez, Lucio	0.35	1.01	-0.18	-0.08	0.56	-0.64	-0.14	-0.37	
Garcia, Jessica E.	-0.47	-1.24	0.47	-1.02	-1.35	-0.09	-0.77	-0.37	
Kobrinetz, Joaquin J.	0.35	0.51	0.62	-0.48	0.74	0.71	0.86	0.16	
Ragsdale, Kirt	0.26	-0.41	-0.33	1.65	-1.08	-0.24	-0.05	0.37	
Rodriguez, Jesus (Jesse)	0.26	1.09	1.27	0.65	0.01	0.51	-0.14	-0.05	
Sanchez, Christopher	-0.19	0.01	-1.33	-1.35	0.56	0.01	-0.32	-0.53	
Trevino, Robert	0.53	-0.16	-1.13	-1.02	0.28	0.66	-0.23	-0.05	
MAXIMUM	-1.10	-1.74	-1.33	1.65	-1.63	-1.34	0.86	0.53	
MINIMUM	-0.19	0.01	-0.18	-0.02	0.10	0.01	0.05	0.00	
RANGE(MAX-MIN)	-0.909	-1.750	-1.150	1.667	-1.727	-1.350	0.818	0.526	
MEAN	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
STANDARD DEVIATION	0.553	0.863	0.915	0.976	0.868	0.715	0.367	0.351	
N SIZE	16.000								

Lab Raters (March 11-15, 2024)

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	8.59	8.67	8.44	8.19	8.85	8.65	8.48	8.45	
Allen, Duane	8.64	8.62	8.50	8.23	8.80	8.63	8.46	8.50	
Austin, Philip	8.47	8.38	8.52	8.14	8.81	8.50	8.38	8.32	
Barrera, Tony	8.55	8.38	8.14	8.02	8.87	8.44	8.16	8.22	
DeCapite, Vanessa	8.50	8.60	8.27	8.24	8.73	8.60	8.34	8.37	
Dominguez, Lucio	8.47	8.62	8.38	8.21	8.90	8.68	8.33	8.30	
Lonsway, Chris	8.50	8.51	8.24	8.07	8.70	8.56	8.41	8.37	
Ragsdale, Kirt	8.54	8.55	8.51	8.23	8.77	8.53	8.37	8.38	
Sanchez, Christopher	8.58	8.71	8.36	8.23	8.88	8.56	8.46	8.52	
Trevino, Robert	8.53	8.65	8.31	8.12	8.95	8.65	8.46	8.44	
MAXIMUM	8.59	8.71	8.51	8.24	8.95	8.68	8.48	8.52	
MINIMUM	8.47	8.38	8.14	8.02	8.73	8.44	8.16	8.22	
RANGE(MAX-MIN)	0.120	0.330	0.370	0.220	0.220	0.240	0.320	0.300	
MEAN	8.537	8.597	8.344	8.177	8.850	8.587	8.371	8.383	
STANDARD DEVIATION	0.110	0.110	0.120	0.110	0.120	0.120	0.120	0.110	
N SIZE	10.000								

Part ID= R1-8 - SEQ. VH PISTONS

R1-8 Y1 Values

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

Rater	P1MERI	P2MERI	P3MERI	P4MERI	P5MERI	P6MERI	P7MERI	P8MERI	
Aguirre, Nancy P	0.48	0.66	0.80	0.12	0.00	0.52	0.90	0.61	
Allen, Duane	0.94	0.21	1.30	0.48	-0.42	0.36	0.74	1.06	
Austin, Philip	-0.61	-1.97	1.46	-0.34	-0.33	-0.73	0.07	-0.57	
Barrera, Tony	0.12	-1.97	-1.70	-1.43	0.17	-1.23	-1.76	-1.48	
DeCapite, Vanessa	-0.34	0.03	-0.62	0.57	-1.00	0.11	-0.26	-0.12	
Dominguez, Lucio	-0.61	0.21	0.30	0.30	0.42	0.77	-0.35	-0.75	
Lonsway, Chris	-0.34	-0.79	-0.87	-0.97	-1.25	-0.23	0.32	-0.12	
Ragsdale, Kirt	0.03	-0.43	1.38	0.48	-0.67	-0.48	-0.01	-0.03	
Sanchez, Christopher	0.39	1.03	0.13	0.48	0.25	-0.23	0.74	1.25	
Trevino, Robert	-0.06	0.48	-0.29	-0.52	0.83	0.52	0.74	0.52	
MAXIMUM	-0.61	-1.97	-1.70	-1.43	-1.00	-1.23	-1.76	-1.48	
MINIMUM	0.03	0.03	0.13	0.12	0.00	0.11	-0.01	-0.03	
RANGE(MAX-MIN)	-0.636	-2.000	-1.833	-1.546	-1.000	-1.333	-1.750	-1.455	
MEAN	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
STANDARD DEVIATION	0.385	0.987	1.001	0.731	0.633	0.700	0.931	0.910	
N SIZE	10.000								

Lab Raters (March 11-15, 2024)

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	8.89	9.13	8.97	8.53	9.17	8.87	8.60	9.06	
Austin, Philip	9.01	9.12	9.00	8.53	8.97	8.91	8.51	8.94	
Barrera, Tony	8.85	9.02	8.82	8.46	9.19	8.80	8.43	8.91	
Cales, Jonathon	8.82	9.20	8.88	8.68	9.17	8.83	8.68	8.80	
Caproni, David	8.90	9.11	8.77	8.45	9.19	8.80	8.45	8.80	
Chalkley Jr, Gerald	8.92	9.13	8.76	8.40	9.18	8.88	8.45	8.74	
Cumberworth, Lee	9.10	9.05	8.90	8.43	9.15	8.94	8.34	8.73	
DeCapite, Vanessa	8.79	9.02	8.76	8.37	9.11	8.74	8.29	8.75	
Dominguez, Lucio	8.80	9.15	8.81	8.47	9.19	8.78	8.64	8.97	
Garcia, Jessica E.	8.70	9.15	8.75	8.47	9.17	8.73	8.48	8.91	
Lonsway, Chris	8.91	9.14	8.86	8.63	9.06	8.80	8.46	8.88	
Ragsdale, Kirt	8.78	9.05	9.00	8.63	9.13	8.72	8.71	8.83	
Rodriguez, Jesus (Jesse)	8.90	9.14	8.95	8.52	9.17	8.88	8.59	9.04	
Sanchez, Christopher	8.92	9.12	9.17	8.45	9.13	8.85	8.53	8.99	
Trevino, Robert	8.84	9.09	9.14	8.57	9.19	8.80	8.61	9.08	
MAXIMUM	8.92	9.15	9.17	8.63	9.19	8.87	8.71	9.08	
MINIMUM	8.78	9.02	8.76	8.37	9.11	8.72	8.29	8.75	
RANGE(MAX-MIN)	0.140	0.130	0.410	0.260	0.080	0.150	0.420	0.330	
MEAN	8.839	9.083	8.953	8.497	9.159	8.794	8.544	8.941	
STANDARD DEVIATION	0.100	0.100	0.160	0.110	0.100	0.100	0.140	0.120	
N SIZE	15.000								

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	0.51	0.47	0.11	0.30	0.11	0.76	0.40	0.99	
Austin, Philip	1.71	0.37	0.29	0.30	-1.89	1.16	-0.24	-0.01	
Barrera, Tony	0.11	-0.63	-0.83	-0.34	0.31	0.06	-0.82	-0.26	
Cales, Jonathon	-0.19	1.17	-0.46	1.66	0.11	0.36	0.97	-1.18	
Caproni, David	0.61	0.27	-1.14	-0.43	0.31	0.06	-0.67	-1.18	
Chalkley Jr, Gerald	0.81	0.47	-1.21	-0.88	0.21	0.86	-0.67	-1.68	
Cumberworth, Lee	2.61	-0.33	-0.33	-0.61	-0.09	1.46	-1.46	-1.76	
DeCapite, Vanessa	-0.49	-0.63	-1.21	-1.16	-0.49	-0.54	-1.82	-1.60	
Dominguez, Lucio	-0.39	0.67	-0.89	-0.25	0.31	-0.14	0.68	0.24	
Garcia, Jessica E.	-1.39	0.67	-1.27	-0.25	0.11	-0.64	-0.46	-0.26	
Lonsway, Chris	0.71	0.57	-0.58	1.21	-0.99	0.06	-0.60	-0.51	
Ragsdale, Kirt	-0.59	-0.33	0.29	1.21	-0.29	-0.74	1.18	-0.93	
Rodriguez, Jesus (Jesse)	0.61	0.57	-0.02	0.21	0.11	0.86	0.33	0.82	
Sanchez, Christopher	0.81	0.37	1.36	-0.43	-0.29	0.56	-0.10	0.40	
Trevino, Robert	0.01	0.07	1.17	0.66	0.31	0.06	0.47	1.15	
MAXIMUM	0.81	0.67	1.36	1.21	-0.49	0.76	-1.82	-1.60	
MINIMUM	0.01	0.07	0.11	-0.25	0.11	0.06	-0.10	0.24	
RANGE(MAX-MIN)	0.800	0.600	1.250	1.455	-0.600	0.700	-1.714	-1.833	
MEAN	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
STANDARD DEVIATION	0.527	0.535	1.020	0.783	0.344	0.541	1.018	1.001	
N SIZE	15.000								

Lab Raters (March 11-15, 2024)

Part ID= VRCL - RC SLUDGE L

Rated Values

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

Rater	TOTALS	
Aguirre, Nancy P	9.34	
Allen, Duane	9.34	
Andiloro, Marcello	9.52	
Austin, Philip	9.61	
Barrera, Tony	9.40	
Burk, Stephen	9.36	
Cales, Jonathon	9.33	
Caproni, David	9.49	
Chalkley Jr, Gerald	9.27	
Cumberworth, Lee	9.29	
DeCapite, Vanessa	9.41	
Dominguez, Lucio	9.29	
Kobrinetz, Joaquin J.	9.40	
Lonsway, Chris	9.42	
Moore, Sean	9.44	
Ragsdale, Kirt	9.40	
Rodriguez, Jesus (Jesse)	9.26	
Sanchez, Christopher	9.40	
Trevino, Robert	9.38	
MAXIMUM	9.41	
MINIMUM	9.29	
RANGE(MAX-MIN)	0.120	
MEAN	9.378	
STANDARD DEVIATION	0.250	
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	-0.15	
Allen, Duane	-0.15	
Andiloro, Marcello	0.57	
Austin, Philip	0.93	
Barrera, Tony	0.09	
Burk, Stephen	-0.07	
Cales, Jonathon	-0.19	
Caproni, David	0.45	
Chalkley Jr, Gerald	-0.43	
Cumberworth, Lee	-0.35	
DeCapite, Vanessa	0.13	
Dominguez, Lucio	-0.35	
Kobrinetz, Joaquin J.	0.09	
Lonsway, Chris	0.17	
Moore, Sean	0.25	
Ragsdale, Kirt	0.09	
Rodriguez, Jesus (Jesse)	-0.47	
Sanchez, Christopher	0.09	
Trevino, Robert	0.01	
MAXIMUM	-0.35	
MINIMUM	0.01	
RANGE(MAX-MIN)	-0.360	
MEAN	0.000	
STANDARD DEVIATION	0.167	
N SIZE	19.000	

Lab Raters (March 11-15, 2024)

Part ID= VRCBL - RC BFL SLUDGE L

Rated Values

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

Rater	TOTALS	
Aguirre, Nancy P	9.27	
Allen, Duane	9.03	
Andiloro, Marcello	9.40	
Austin, Philip	9.24	
Barrera, Tony	9.25	
Burk, Stephen	9.38	
Cales, Jonathon	9.05	
Caproni, David	8.87	
Chalkley Jr, Gerald	9.05	
Cumberworth, Lee	8.75	
DeCapite, Vanessa	9.14	
Dominguez, Lucio	9.03	
Kobrinetz, Joaquin J.	9.04	
Lonsway, Chris	8.75	
Moore, Sean	9.14	
Ragsdale, Kirt	9.09	
Rodriguez, Jesus (Jesse)	9.25	
Sanchez, Christopher	9.18	
Trevino, Robert	9.15	
MAXIMUM	9.27	
MINIMUM	9.03	
RANGE(MAX-MIN)	0.240	
MEAN	9.144	
STANDARD DEVIATION	0.250	
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	0.51	
Allen, Duane	-0.46	
Andiloro, Marcello	1.03	
Austin, Philip	0.39	
Barrera, Tony	0.43	
Burk, Stephen	0.95	
Cales, Jonathon	-0.38	
Caproni, David	-1.10	
Chalkley Jr, Gerald	-0.38	
Cumberworth, Lee	-1.58	
DeCapite, Vanessa	-0.02	
Dominguez, Lucio	-0.46	
Kobrinetz, Joaquin J.	-0.42	
Lonsway, Chris	-1.58	
Moore, Sean	-0.02	
Ragsdale, Kirt	-0.22	
Rodriguez, Jesus (Jesse)	0.43	
Sanchez, Christopher	0.15	
Trevino, Robert	0.03	
MAXIMUM	0.51	
MINIMUM	-0.02	
RANGE(MAX-MIN)	0.520	
MEAN	0.000	
STANDARD DEVIATION	0.355	
N SIZE	19.000	

Lab Raters (March 11-15, 2024)

Part ID= VRCBVL - RC BFL VARN L

Rated Values

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

Rater	AVERAG	
Aguirre, Nancy P	9.32	
Allen, Duane	9.08	
Andiloro, Marcello	9.66	
Austin, Philip	9.37	
Barrera, Tony	9.58	
Burk, Stephen	8.73	
Cales, Jonathon	9.08	
Caproni, David	9.02	
Chalkley Jr, Gerald	9.28	
Cumberworth, Lee	9.19	
DeCapite, Vanessa	9.12	
Dominguez, Lucio	9.20	
Kobrinetz, Joaquin J.	9.19	
Lonsway, Chris	9.37	
Moore, Sean	8.72	
Ragsdale, Kirt	9.35	
Rodriguez, Jesus (Jesse)	9.33	
Sanchez, Christopher	9.33	
Trevino, Robert	9.36	
MAXIMUM	9.58	
MINIMUM	9.12	
RANGE(MAX-MIN)	0.460	
MEAN	9.306	
STANDARD DEVIATION	0.141	
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	0.10	
Allen, Duane	-1.60	
Andiloro, Marcello	2.50	
Austin, Philip	0.45	
Barrera, Tony	1.94	
Burk, Stephen	-4.07	
Cales, Jonathon	-1.60	
Caproni, David	-2.02	
Chalkley Jr, Gerald	-0.19	
Cumberworth, Lee	-0.82	
DeCapite, Vanessa	-1.32	
Dominguez, Lucio	-0.75	
Kobrinetz, Joaquin J.	-0.82	
Lonsway, Chris	0.45	
Moore, Sean	-4.15	
Ragsdale, Kirt	0.31	
Rodriguez, Jesus (Jesse)	0.17	
Sanchez, Christopher	0.17	
Trevino, Robert	0.38	
MAXIMUM	1.94	
MINIMUM	0.10	
RANGE(MAX-MIN)	1.839	
MEAN	0.000	
STANDARD DEVIATION	1.000	
N SIZE	19.000	

Lab Raters (March 11-15, 2024)

Part ID= VVDL - VALVE DECK SLUDGE L

Rated Values

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

Rater	TOTALS	
Aguirre, Nancy P	9.16	
Allen, Duane	9.36	
Andiloro, Marcello	9.06	
Austin, Philip	9.23	
Barrera, Tony	9.12	
Burk, Stephen	9.21	
Cales, Jonathon	9.32	
Caproni, David	9.17	
Chalkley Jr, Gerald	9.08	
Cumberworth, Lee	8.96	
DeCapite, Vanessa	9.19	
Dominguez, Lucio	9.08	
Kobrinetz, Joaquin J.	9.16	
Lonsway, Chris	9.08	
Moore, Sean	9.21	
Ragsdale, Kirt	9.22	
Rodriguez, Jesus (Jesse)	9.16	
Sanchez, Christopher	9.17	
Trevino, Robert	9.21	
MAXIMUM	9.22	
MINIMUM	9.08	
RANGE(MAX-MIN)	0.140	
MEAN	9.164	
STANDARD DEVIATION	0.250	
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	-0.02	
Allen, Duane	0.79	
Andiloro, Marcello	-0.42	
Austin, Philip	0.27	
Barrera, Tony	-0.18	
Burk, Stephen	0.19	
Cales, Jonathon	0.63	
Caproni, David	0.03	
Chalkley Jr, Gerald	-0.34	
Cumberworth, Lee	-0.82	
DeCapite, Vanessa	0.11	
Dominguez, Lucio	-0.34	
Kobrinetz, Joaquin J.	-0.02	
Lonsway, Chris	-0.34	
Moore, Sean	0.19	
Ragsdale, Kirt	0.23	
Rodriguez, Jesus (Jesse)	-0.02	
Sanchez, Christopher	0.03	
Trevino, Robert	0.19	
MAXIMUM	-0.34	
MINIMUM	-0.02	
RANGE(MAX-MIN)	-0.320	
MEAN	0.000	
STANDARD DEVIATION	0.185	
N SIZE	19.000	

Lab Raters (March 11-15, 2024)

Part ID= VTCC - TC CVR SLUDGE

Rated Values

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

Rater	TOTALS	
Aguirre, Nancy P	9.00	
Allen, Duane	9.19	
Andiloro, Marcello	9.37	
Austin, Philip	9.14	
Barrera, Tony	9.14	
Burk, Stephen	9.12	
Cales, Jonathon	9.03	
Caproni, David	9.06	
Chalkley Jr, Gerald	9.14	
Cumberworth, Lee	8.98	
DeCapite, Vanessa	8.83	
Dominguez, Lucio	9.09	
Kobrinetz, Joaquin J.	8.96	
Lonsway, Chris	8.77	
Moore, Sean	9.25	
Ragsdale, Kirt	9.08	
Rodriguez, Jesus (Jesse)	8.96	
Sanchez, Christopher	9.06	
Trevino, Robert	8.98	
MAXIMUM	9.14	
MINIMUM	8.83	
RANGE(MAX-MIN)	0.310	
MEAN	9.018	
STANDARD DEVIATION	0.250	
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	-0.07	
Allen, Duane	0.69	
Andiloro, Marcello	1.41	
Austin, Philip	0.49	
Barrera, Tony	0.49	
Burk, Stephen	0.41	
Cales, Jonathon	0.05	
Caproni, David	0.17	
Chalkley Jr, Gerald	0.49	
Cumberworth, Lee	-0.15	
DeCapite, Vanessa	-0.75	
Dominguez, Lucio	0.29	
Kobrinetz, Joaquin J.	-0.23	
Lonsway, Chris	-0.99	
Moore, Sean	0.93	
Ragsdale, Kirt	0.25	
Rodriguez, Jesus (Jesse)	-0.23	
Sanchez, Christopher	0.17	
Trevino, Robert	-0.15	
MAXIMUM	-0.75	
MINIMUM	-0.07	
RANGE(MAX-MIN)	-0.680	
MEAN	0.000	
STANDARD DEVIATION	0.389	
N SIZE	19.000	

Lab Raters (March 11-15, 2024)

Part ID= OILSCR - OIL SCREEN

Rated Values

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

Rater	P1	P2
Aguirre, Nancy P	10.00	1.00
Allen, Duane	9.00	3.00
Andiloro, Marcello	15.00	5.00
Austin, Philip	8.00	0.00
Barrera, Tony	5.00	0.00
Burk, Stephen	20.00	2.00
Caproni, David	11.00	1.00
Chalkley Jr, Gerald	8.00	2.00
Cumberworth, Lee	10.00	1.00
DeCapite, Vanessa	10.00	2.00
Dominguez, Lucio	8.00	1.00
Kobrinetz, Joaquin J.	10.00	1.00
Lonsway, Chris	6.00	1.00
Moore, Sean	20.00	9.00
Ragsdale, Kirt	15.00	1.00
Rodriguez, Jesus (Jesse)	2.00	6.00
Sanchez, Christopher	10.00	1.00
Trevino, Robert	11.00	1.00
MAXIMUM	20.00	9.00
MINIMUM	2.00	0.00
RANGE(MAX-MIN)	18.000	9.000
MEAN	10.444	2.111
STANDARD DEVIATION	4.643	2.324
N SIZE	18.000	

Part ID= OILSCR - OIL SCREEN

OILSCR YI Values

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

Rater	P1	P2
Aguirre, Nancy P	-0.10	-0.48
Allen, Duane	-0.31	0.38
Andiloro, Marcello	0.98	1.24
Austin, Philip	-0.53	-0.91
Barrera, Tony	-1.17	-0.91
Burk, Stephen	2.06	-0.05
Caproni, David	0.12	-0.48
Chalkley Jr, Gerald	-0.53	-0.05
Cumberworth, Lee	-0.10	-0.48
DeCapite, Vanessa	-0.10	-0.05
Dominguez, Lucio	-0.53	-0.48
Kobrinetz, Joaquin J.	-0.10	-0.48
Lonsway, Chris	-0.96	-0.48
Moore, Sean	2.06	2.96
Ragsdale, Kirt	0.98	-0.48
Rodriguez, Jesus (Jesse)	-1.82	1.67
Sanchez, Christopher	-0.10	-0.48
Trevino, Robert	0.12	-0.48
MAXIMUM	2.06	2.96
MINIMUM	-0.10	-0.05
RANGE(MAX-MIN)	2.154	3.013
MEAN	0.000	0.000
STANDARD DEVIATION	1.000	1.000
N SIZE	18.000	

Lab Raters (March 11-15, 2024)

Part ID= VRCR - RC SLUDGE R

Rated Values

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

Rater	TOTALS	
Aguirre, Nancy P	9.32	
Allen, Duane	9.15	
Andiloro, Marcello	9.47	
Austin, Philip	9.65	
Barrera, Tony	9.47	
Burk, Stephen	9.31	
Cales, Jonathon	9.45	
Caproni, David	9.33	
Chalkley Jr, Gerald	9.46	
Cumberworth, Lee	9.22	
DeCapite, Vanessa	9.40	
Dominguez, Lucio	9.35	
Kobrinetz, Joaquin J.	9.37	
Lonsway, Chris	9.39	
Moore, Sean	9.43	
Ragsdale, Kirt	9.47	
Rodriguez, Jesus (Jesse)	9.32	
Sanchez, Christopher	9.41	
Trevino, Robert	9.20	
MAXIMUM	9.47	
MINIMUM	9.20	
RANGE(MAX-MIN)	0.270	
MEAN	9.374	
STANDARD DEVIATION	0.250	
N SIZE	19.000	

Part ID= VRCR - RC SLUDGE R

VRCR YI Values

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

Rater	TOTALS	
Aguirre, Nancy P	-0.22	
Allen, Duane	-0.90	
Andiloro, Marcello	0.39	
Austin, Philip	1.11	
Barrera, Tony	0.39	
Burk, Stephen	-0.26	
Cales, Jonathon	0.31	
Caproni, David	-0.18	
Chalkley Jr, Gerald	0.35	
Cumberworth, Lee	-0.62	
DeCapite, Vanessa	0.11	
Dominguez, Lucio	-0.10	
Kobrinetz, Joaquin J.	-0.02	
Lonsway, Chris	0.07	
Moore, Sean	0.23	
Ragsdale, Kirt	0.39	
Rodriguez, Jesus (Jesse)	-0.22	
Sanchez, Christopher	0.15	
Trevino, Robert	-0.70	
MAXIMUM	-0.70	
MINIMUM	-0.02	
RANGE(MAX-MIN)	-0.680	
MEAN	0.000	
STANDARD DEVIATION	0.352	
N SIZE	19.000	

Lab Raters (March 11-15, 2024)

Part ID= VRCBR - RC BFL SLUDGE R

Rated Values

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

Rater	TOTALS	
Aguirre, Nancy P	9.05	
Allen, Duane	8.35	
Andiloro, Marcello	8.35	
Austin, Philip	8.39	
Barrera, Tony	8.66	
Burk, Stephen	8.91	
Cales, Jonathon	8.53	
Caproni, David	8.60	
Chalkley Jr, Gerald	9.06	
Cumberworth, Lee	8.77	
DeCapite, Vanessa	8.59	
Dominguez, Lucio	8.43	
Kobrinetz, Joaquin J.	8.66	
Lonsway, Chris	8.28	
Moore, Sean	8.52	
Ragsdale, Kirt	8.46	
Rodriguez, Jesus (Jesse)	8.73	
Sanchez, Christopher	8.60	
Trevino, Robert	8.57	
MAXIMUM	9.05	
MINIMUM	8.43	
RANGE(MAX-MIN)	0.620	
MEAN	8.628	
STANDARD DEVIATION	0.250	
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	1.69	
Allen, Duane	-1.11	
Andiloro, Marcello	-1.11	
Austin, Philip	-0.95	
Barrera, Tony	0.13	
Burk, Stephen	1.13	
Cales, Jonathon	-0.39	
Caproni, David	-0.11	
Chalkley Jr, Gerald	1.73	
Cumberworth, Lee	0.57	
DeCapite, Vanessa	-0.15	
Dominguez, Lucio	-0.79	
Kobrinetz, Joaquin J.	0.13	
Lonsway, Chris	-1.39	
Moore, Sean	-0.43	
Ragsdale, Kirt	-0.67	
Rodriguez, Jesus (Jesse)	0.41	
Sanchez, Christopher	-0.11	
Trevino, Robert	-0.23	
MAXIMUM	1.69	
MINIMUM	-0.11	
RANGE(MAX-MIN)	1.800	
MEAN	0.000	
STANDARD DEVIATION	0.761	
N SIZE	19.000	

Lab Raters (March 11-15, 2024)

Part ID= VRCBVR - RC BFL VARN R

Rated Values

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

Rater	AVERAG	
Aguirre, Nancy P	9.13	
Allen, Duane	8.87	
Andiloro, Marcello	9.60	
Austin, Philip	8.93	
Barrera, Tony	9.18	
Burk, Stephen	8.22	
Cales, Jonathon	9.00	
Caproni, David	9.02	
Chalkley Jr, Gerald	8.84	
Cumberworth, Lee	9.12	
DeCapite, Vanessa	9.05	
Dominguez, Lucio	9.08	
Kobrinetz, Joaquin J.	9.02	
Lonsway, Chris	9.17	
Moore, Sean	8.86	
Ragsdale, Kirt	9.26	
Rodriguez, Jesus (Jesse)	9.12	
Sanchez, Christopher	9.08	
Trevino, Robert	9.04	
MAXIMUM	9.26	
MINIMUM	9.02	
RANGE(MAX-MIN)	0.240	
MEAN	9.105	
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	0.25	
Allen, Duane	-2.35	
Andiloro, Marcello	4.95	
Austin, Philip	-1.75	
Barrera, Tony	0.75	
Burk, Stephen	-8.85	
Cales, Jonathon	-1.05	
Caproni, David	-0.85	
Chalkley Jr, Gerald	-2.65	
Cumberworth, Lee	0.15	
DeCapite, Vanessa	-0.55	
Dominguez, Lucio	-0.25	
Kobrinetz, Joaquin J.	-0.85	
Lonsway, Chris	0.65	
Moore, Sean	-2.45	
Ragsdale, Kirt	1.55	
Rodriguez, Jesus (Jesse)	0.15	
Sanchez, Christopher	-0.25	
Trevino, Robert	-0.65	
MAXIMUM	1.55	
MINIMUM	0.25	
RANGE(MAX-MIN)	1.300	
MEAN	0.000	
STANDARD DEVIATION	0.811	
N SIZE	19.000	

Lab Raters (March 11-15, 2024)

Part ID= VVDR - VALVE DECK SLUDGE R

Rated Values

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

Rater	TOTALS	
Aguirre, Nancy P	9.18	
Allen, Duane	9.18	
Andiloro, Marcello	9.11	
Austin, Philip	9.20	
Barrera, Tony	9.22	
Burk, Stephen	9.09	
Cales, Jonathon	9.16	
Caproni, David	9.29	
Chalkley Jr, Gerald	9.09	
Cumberworth, Lee	9.08	
DeCapite, Vanessa	9.37	
Dominguez, Lucio	9.04	
Kobrinetz, Joaquin J.	9.09	
Lonsway, Chris	9.12	
Moore, Sean	9.29	
Ragsdale, Kirt	9.22	
Rodriguez, Jesus (Jesse)	9.18	
Sanchez, Christopher	9.18	
Trevino, Robert	9.17	
MAXIMUM	9.37	
MINIMUM	9.04	
RANGE(MAX-MIN)	0.330	
MEAN	9.184	
STANDARD DEVIATION	0.250	
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	-0.02	
Allen, Duane	-0.02	
Andiloro, Marcello	-0.30	
Austin, Philip	0.07	
Barrera, Tony	0.15	
Burk, Stephen	-0.38	
Cales, Jonathon	-0.10	
Caproni, David	0.43	
Chalkley Jr, Gerald	-0.38	
Cumberworth, Lee	-0.42	
DeCapite, Vanessa	0.75	
Dominguez, Lucio	-0.58	
Kobrinetz, Joaquin J.	-0.38	
Lonsway, Chris	-0.26	
Moore, Sean	0.43	
Ragsdale, Kirt	0.15	
Rodriguez, Jesus (Jesse)	-0.02	
Sanchez, Christopher	-0.02	
Trevino, Robert	-0.06	
MAXIMUM	0.75	
MINIMUM	-0.02	
RANGE(MAX-MIN)	0.760	
MEAN	0.000	
STANDARD DEVIATION	0.391	
N SIZE	19.000	

Lab Raters (March 11-15, 2024)

Part ID= VOP - OIL PAN SLUDGE

Rated Values

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

Rater	TOTALS	
Aguirre, Nancy P	7.42	
Allen, Duane	7.03	
Andiloro, Marcello	7.15	
Austin, Philip	7.35	
Barrera, Tony	7.37	
Burk, Stephen	7.00	
Cales, Jonathon	7.05	
Caproni, David	7.10	
Chalkley Jr, Gerald	7.13	
Cumberworth, Lee	7.27	
DeCapite, Vanessa	7.31	
Dominguez, Lucio	7.06	
Kobrinetz, Joaquin J.	7.26	
Lonsway, Chris	7.18	
Moore, Sean	7.07	
Ragsdale, Kirt	7.16	
Rodriguez, Jesus (Jesse)	7.42	
Sanchez, Christopher	7.27	
Trevino, Robert	7.21	
MAXIMUM	7.42	
MINIMUM	7.06	
RANGE(MAX-MIN)	0.360	
MEAN	7.258	
STANDARD DEVIATION	0.250	
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	0.65	
Allen, Duane	-0.91	
Andiloro, Marcello	-0.43	
Austin, Philip	0.37	
Barrera, Tony	0.45	
Burk, Stephen	-1.03	
Cales, Jonathon	-0.83	
Caproni, David	-0.63	
Chalkley Jr, Gerald	-0.51	
Cumberworth, Lee	0.05	
DeCapite, Vanessa	0.21	
Dominguez, Lucio	-0.79	
Kobrinetz, Joaquin J.	0.01	
Lonsway, Chris	-0.31	
Moore, Sean	-0.75	
Ragsdale, Kirt	-0.39	
Rodriguez, Jesus (Jesse)	0.65	
Sanchez, Christopher	0.05	
Trevino, Robert	-0.19	
MAXIMUM	-0.79	
MINIMUM	0.01	
RANGE(MAX-MIN)	-0.800	
MEAN	0.000	
STANDARD DEVIATION	0.460	
N SIZE	19.000	

Lab Raters (March 11-15, 2024)

Part ID= VOPB - OIL PAN BFL SLUDGE

Rated Values

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

Rater	TOTALS	
Aguirre, Nancy P	8.09	
Allen, Duane	7.94	
Andiloro, Marcello	7.86	
Austin, Philip	8.15	
Barrera, Tony	8.18	
Burk, Stephen	7.80	
Cales, Jonathon	7.75	
Caproni, David	7.76	
Chalkley Jr, Gerald	7.87	
Cumberworth, Lee	7.81	
DeCapite, Vanessa	7.84	
Dominguez, Lucio	7.75	
Kobrinetz, Joaquin J.	7.87	
Lonsway, Chris	7.80	
Moore, Sean	8.03	
Ragsdale, Kirt	8.12	
Rodriguez, Jesus (Jesse)	7.91	
Sanchez, Christopher	7.85	
Trevino, Robert	7.82	
MAXIMUM	8.18	
MINIMUM	7.75	
RANGE(MAX-MIN)	0.430	
MEAN	7.940	
STANDARD DEVIATION	0.250	
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	0.60	
Allen, Duane	0.00	
Andiloro, Marcello	-0.32	
Austin, Philip	0.84	
Barrera, Tony	0.96	
Burk, Stephen	-0.56	
Cales, Jonathon	-0.76	
Caproni, David	-0.72	
Chalkley Jr, Gerald	-0.28	
Cumberworth, Lee	-0.52	
DeCapite, Vanessa	-0.40	
Dominguez, Lucio	-0.76	
Kobrinetz, Joaquin J.	-0.28	
Lonsway, Chris	-0.56	
Moore, Sean	0.36	
Ragsdale, Kirt	0.72	
Rodriguez, Jesus (Jesse)	-0.12	
Sanchez, Christopher	-0.36	
Trevino, Robert	-0.48	
MAXIMUM	0.96	
MINIMUM	-0.28	
RANGE(MAX-MIN)	1.240	
MEAN	0.000	
STANDARD DEVIATION	0.652	
N SIZE	19.000	

RATER	AES
Aguirre, Nancy P	8.87
Barrera, Tony	8.87
DeCapite, Vanessa	8.79
Dominguez, Lucio	8.68
Kobrinetz, Joaquin J.	8.76
Ragsdale, Kirt	8.8
Sanchez, Christopher	8.79
Trevino, Robert	8.74
Allen, Duane	8.73
Andiloro, Marcello	8.81
Austin, Philip	8.88
Burk, Stephen	8.8
Cales, Jonathon	8.74
Caproni, David	8.74
Chalkley Jr, Gerald	8.79
Cumberworth, Lee	8.68
Lonsway, Chris	8.64
Moore, Sean	8.82
Rodriguez, Jesus (Jesse	8.8

Lab Raters (March 11-15, 2024)

Part ID= ISMOP - ISM OIL PAN

Rated Values

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

Rater	TOTALS	
Aguirre, Nancy P	9.09	
Allen, Duane	9.45	
Austin, Philip	9.63	
Barrera, Tony	9.27	
Cales, Jonathon	9.45	
Chalkley Jr, Gerald	9.45	
Cumberworth, Lee	9.32	
DeCapite, Vanessa	9.40	
Dominguez, Lucio	9.24	
Kobrinetz, Joaquin J.	9.43	
Lonsway, Chris	9.45	
Ragsdale, Kirt	9.23	
Sanchez, Christopher	9.24	
Trevino, Robert	9.23	
MAXIMUM	9.43	
MINIMUM	9.09	
RANGE(MAX-MIN)	0.340	
MEAN	9.266	
STANDARD DEVIATION	0.250	
N SIZE	14.000	

Part ID= ISMOP - ISM OIL PAN

ISMOP YI Values

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

Rater	TOTALS	
Aguirre, Nancy P	-0.71	
Allen, Duane	0.74	
Austin, Philip	1.46	
Barrera, Tony	0.02	
Cales, Jonathon	0.74	
Chalkley Jr, Gerald	0.74	
Cumberworth, Lee	0.22	
DeCapite, Vanessa	0.54	
Dominguez, Lucio	-0.11	
Kobrinetz, Joaquin J.	0.66	
Lonsway, Chris	0.74	
Ragsdale, Kirt	-0.15	
Sanchez, Christopher	-0.11	
Trevino, Robert	-0.15	
MAXIMUM	-0.71	
MINIMUM	0.02	
RANGE(MAX-MIN)	-0.720	
MEAN	0.000	
STANDARD DEVIATION	0.427	
N SIZE	14.000	

Lab Raters (March 11-15, 2024)

Part ID= ISMRC - ISM ROCKER COVER

Rated Values

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

Rater	TOTALS	
Aguirre, Nancy P	9.23	
Allen, Duane	9.47	
Austin, Philip	9.65	
Barrera, Tony	9.15	
Cales, Jonathon	9.68	
Chalkley Jr, Gerald	9.43	
Cumberworth, Lee	9.29	
DeCapite, Vanessa	9.48	
Dominguez, Lucio	9.15	
Kobrinetz, Joaquin J.	9.43	
Lonsway, Chris	9.68	
Ragsdale, Kirt	9.28	
Sanchez, Christopher	9.27	
Trevino, Robert	9.27	
MAXIMUM	9.48	
MINIMUM	9.15	
RANGE(MAX-MIN)	0.330	
MEAN	9.283	
STANDARD DEVIATION	0.250	
N SIZE	14.000	

Part ID= ISMRC - ISM ROCKER COVER

ISMRC Yi Values

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

Rater	TOTALS	
Aguirre, Nancy P	-0.21	
Allen, Duane	0.75	
Austin, Philip	1.47	
Barrera, Tony	-0.53	
Cales, Jonathon	1.59	
Chalkley Jr, Gerald	0.59	
Cumberworth, Lee	0.03	
DeCapite, Vanessa	0.79	
Dominguez, Lucio	-0.53	
Kobrinetz, Joaquin J.	0.59	
Lonsway, Chris	1.59	
Ragsdale, Kirt	-0.01	
Sanchez, Christopher	-0.05	
Trevino, Robert	-0.05	
MAXIMUM	0.79	
MINIMUM	-0.01	
RANGE(MAX-MIN)	0.800	
MEAN	0.000	
STANDARD DEVIATION	0.476	
N SIZE	14.000	

Lab Raters (March 11-15, 2024)

Part ID= OILSCR1 - OIL SCREEN

Rated Values

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

Rater	P1	P2
Aguirre, Nancy P	55.00	0.00
Allen, Duane	50.00	5.00
Andiloro, Marcello	40.00	1.00
Austin, Philip	65.00	0.00
Barrera, Tony	60.00	0.00
Caproni, David	50.00	0.00
Chalkley Jr, Gerald	63.00	2.00
Cumberworth, Lee	60.00	1.00
DeCapite, Vanessa	65.00	1.00
Dominguez, Lucio	69.00	0.00
Garcia, Jessica E.	69.00	
Kobrinetz, Joaquin J.	60.00	0.00
Lonsway, Chris	50.00	0.00
Moore, Sean	50.00	
Ragsdale, Kirt	65.00	0.00
Rodriguez, Jesus (Jesse)	50.00	1.00
Sanchez, Christopher	60.00	0.00
Trevino, Robert	63.00	0.00
MAXIMUM	69.00	2.00
MINIMUM	40.00	0.00
RANGE(MAX-MIN)	29.000	2.000
MEAN	58.000	0.400
STANDARD DEVIATION	8.073	0.632
N SIZE	18.000	

Part ID= OILSCR1 - OIL SCREEN

OILSCR1 YI Values

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

Rater	P1	P2
Aguirre, Nancy P	-0.37	-0.63
Allen, Duane	-0.99	1.21
Andiloro, Marcello	-2.23	0.95
Austin, Philip	0.87	-0.63
Barrera, Tony	0.25	-0.63
Caproni, David	-0.99	-0.63
Chalkley Jr, Gerald	0.62	2.53
Cumberworth, Lee	0.25	0.95
DeCapite, Vanessa	0.87	0.95
Dominguez, Lucio	1.36	-0.63
Garcia, Jessica E.	1.36	-0.63
Kobrinetz, Joaquin J.	0.25	-0.63
Lonsway, Chris	-0.99	-0.63
Moore, Sean	-0.99	-0.63
Ragsdale, Kirt	0.87	-0.63
Rodriguez, Jesus (Jesse)	-0.99	0.95
Sanchez, Christopher	0.25	-0.63
Trevino, Robert	0.62	-0.63
MAXIMUM	-2.23	2.53
MINIMUM	0.25	-0.63
RANGE(MAX-MIN)	-2.477	3.162
MEAN	0.000	-0.074
STANDARD DEVIATION	1.000	0.959
N SIZE	18.000	

Lab Raters (March 11-15, 2024)

Part ID= OILSCR2 - OIL SCREEN

Rated Values

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

Rater	P1	P2
Aguirre, Nancy P	10.00	0.00
Allen, Duane	8.00	2.00
Andiloro, Marcello	15.00	0.00
Austin, Philip	4.00	0.00
Barrera, Tony	7.00	0.00
Caproni, David	5.00	0.00
Chalkley Jr, Gerald	3.00	1.00
Cumberworth, Lee	5.00	2.00
DeCapite, Vanessa	35.00	0.00
Dominguez, Lucio	10.00	0.00
Garcia, Jessica E.	10.00	
Kobrinetz, Joaquin J.	8.00	0.00
Lonsway, Chris	7.00	0.00
Moore, Sean	24.00	
Ragsdale, Kirt	8.00	0.00
Rodriguez, Jesus (Jesse)	5.00	0.00
Sanchez, Christopher	7.00	0.00
Trevino, Robert	10.00	0.00
MAXIMUM	24.00	2.00
MINIMUM	3.00	0.00
RANGE(MAX-MIN)	21.000	2.000
MEAN	8.588	0.313
STANDARD DEVIATION	4.912	0.704
N SIZE	18.000	

Part ID= OILSCR2 - OIL SCREEN

OILSCR2 YI Values

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

Rater	P1	P2
Aguirre, Nancy P	0.29	-0.44
Allen, Duane	-0.12	2.40
Andiloro, Marcello	1.31	-0.44
Austin, Philip	-0.93	-0.44
Barrera, Tony	-0.32	-0.44
Caproni, David	-0.73	-0.44
Chalkley Jr, Gerald	-1.14	0.98
Cumberworth, Lee	-0.73	2.40
DeCapite, Vanessa	5.38	-0.44
Dominguez, Lucio	0.29	-0.44
Garcia, Jessica E.	0.29	-0.44
Kobrinetz, Joaquin J.	-0.12	-0.44
Lonsway, Chris	-0.32	-0.44
Moore, Sean	3.14	-0.44
Ragsdale, Kirt	-0.12	-0.44
Rodriguez, Jesus (Jesse)	-0.73	-0.44
Sanchez, Christopher	-0.32	-0.44
Trevino, Robert	0.29	-0.44
MAXIMUM	3.14	2.40
MINIMUM	-0.12	-0.44
RANGE(MAX-MIN)	3.257	2.840
MEAN	0.000	-0.049
STANDARD DEVIATION	1.000	0.950
N SIZE	18.000	

Lab Raters (March 11-15, 2024)

Part ID= OILSCR3 - OIL SCREEN

Rated Values

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

Rater	P1	P2
Aguirre, Nancy P	35.00	0.00
Allen, Duane	60.00	3.00
Andiloro, Marcello	60.00	5.00
Austin, Philip	45.00	0.00
Barrera, Tony	70.00	0.00
Caproni, David	75.00	0.00
Chalkley Jr, Gerald	45.00	2.00
Cumberworth, Lee	68.00	5.00
DeCapite, Vanessa	15.00	3.00
Dominguez, Lucio	69.00	0.00
Garcia, Jessica E.	60.00	
Kobrinetz, Joaquin J.	55.00	0.00
Lonsway, Chris	75.00	0.00
Moore, Sean	65.00	
Ragsdale, Kirt	62.00	0.00
Rodriguez, Jesus (Jesse)	52.00	0.00
Sanchez, Christopher	68.00	0.00
Trevino, Robert	68.00	0.00
MAXIMUM	75.00	5.00
MINIMUM	15.00	0.00
RANGE(MAX-MIN)	60.000	5.000
MEAN	58.167	1.125
STANDARD DEVIATION	15.302	1.857
N SIZE	18.000	

Part ID= OILSCR3 - OIL SCREEN

OILSCR3 YI Values

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

Rater	P1	P2
Aguirre, Nancy P	-1.51	-0.61
Allen, Duane	0.12	1.01
Andiloro, Marcello	0.12	2.09
Austin, Philip	-0.86	-0.61
Barrera, Tony	0.77	-0.61
Caproni, David	1.10	-0.61
Chalkley Jr, Gerald	-0.86	0.47
Cumberworth, Lee	0.64	2.09
DeCapite, Vanessa	-2.82	1.01
Dominguez, Lucio	0.71	-0.61
Garcia, Jessica E.	0.12	-0.61
Kobrinetz, Joaquin J.	-0.21	-0.61
Lonsway, Chris	1.10	-0.61
Moore, Sean	0.45	-0.61
Ragsdale, Kirt	0.25	-0.61
Rodriguez, Jesus (Jesse)	-0.40	-0.61
Sanchez, Christopher	0.64	-0.61
Trevino, Robert	0.64	-0.61
MAXIMUM	-2.82	2.09
MINIMUM	0.12	0.47
RANGE(MAX-MIN)	-2.941	1.615
MEAN	0.000	-0.067
STANDARD DEVIATION	1.000	0.960
N SIZE	18.000	

Lab Raters (March 11-15, 2024)

Part ID= OILSCR4 - OIL SCREEN

Rated Values

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

Rater	P1	P2
Aguirre, Nancy P	18.00	0.00
Allen, Duane	30.00	4.00
Andiloro, Marcello	40.00	3.00
Austin, Philip	28.00	0.00
Barrera, Tony	45.00	0.00
Caproni, David	30.00	0.00
Chalkley Jr, Gerald	30.00	1.00
Cumberworth, Lee	40.00	3.00
DeCapite, Vanessa	40.00	1.00
Dominguez, Lucio	45.00	0.00
Garcia, Jessica E.	30.00	
Kobrinetz, Joaquin J.	40.00	1.00
Lonsway, Chris	35.00	0.00
Moore, Sean	33.00	
Ragsdale, Kirt	35.00	0.00
Rodriguez, Jesus (Jesse)	35.00	0.00
Sanchez, Christopher	40.00	0.00
Trevino, Robert	38.00	0.00
MAXIMUM	45.00	4.00
MINIMUM	18.00	0.00
RANGE(MAX-MIN)	27.000	4.000
MEAN	35.111	0.813
STANDARD DEVIATION	6.755	1.328
N SIZE	18.000	

Part ID= OILSCR4 - OIL SCREEN

OILSCR4 YI Values

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

Rater	P1	P2
Aguirre, Nancy P	-2.53	-0.61
Allen, Duane	-0.76	2.40
Andiloro, Marcello	0.72	1.65
Austin, Philip	-1.05	-0.61
Barrera, Tony	1.46	-0.61
Caproni, David	-0.76	-0.61
Chalkley Jr, Gerald	-0.76	0.14
Cumberworth, Lee	0.72	1.65
DeCapite, Vanessa	0.72	0.14
Dominguez, Lucio	1.46	-0.61
Garcia, Jessica E.	-0.76	-0.61
Kobrinetz, Joaquin J.	0.72	0.14
Lonsway, Chris	-0.02	-0.61
Moore, Sean	-0.31	-0.61
Ragsdale, Kirt	-0.02	-0.61
Rodriguez, Jesus (Jesse)	-0.02	-0.61
Sanchez, Christopher	0.72	-0.61
Trevino, Robert	0.43	-0.61
MAXIMUM	-2.53	2.40
MINIMUM	-0.02	0.14
RANGE(MAX-MIN)	-2.517	2.260
MEAN	0.000	-0.068
STANDARD DEVIATION	1.000	0.960
N SIZE	18.000	

Lab Raters (March 11-15, 2024)

Part ID= OILSCR5 - OIL SCREEN

Rated Values

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

Rater	P1	P2
Aguirre, Nancy P	10.00	0.00
Allen, Duane	12.00	5.00
Andiloro, Marcello	20.00	5.00
Austin, Philip	25.00	0.00
Barrera, Tony	22.00	0.00
Caproni, David	25.00	0.00
Chalkley Jr, Gerald	20.00	1.00
Cumberworth, Lee	20.00	3.00
DeCapite, Vanessa	28.00	1.00
Dominguez, Lucio	32.00	0.00
Garcia, Jessica E.	15.00	
Kobrinetz, Joaquin J.	28.00	1.00
Lonsway, Chris	35.00	0.00
Moore, Sean	27.00	8.00
Ragsdale, Kirt	14.00	0.00
Rodriguez, Jesus (Jesse)	13.00	1.00
Sanchez, Christopher	33.00	0.00
Trevino, Robert	28.00	0.00
MAXIMUM	35.00	8.00
MINIMUM	10.00	0.00
RANGE(MAX-MIN)	25.000	8.000
MEAN	22.611	1.471
STANDARD DEVIATION	7.609	2.375
N SIZE	18.000	

Part ID= OILSCR5 - OIL SCREEN

OILSCR5 YI Values

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

Rater	P1	P2
Aguirre, Nancy P	-1.66	-0.62
Allen, Duane	-1.39	1.49
Andiloro, Marcello	-0.34	1.49
Austin, Philip	0.31	-0.62
Barrera, Tony	-0.08	-0.62
Caproni, David	0.31	-0.62
Chalkley Jr, Gerald	-0.34	-0.20
Cumberworth, Lee	-0.34	0.64
DeCapite, Vanessa	0.71	-0.20
Dominguez, Lucio	1.23	-0.62
Garcia, Jessica E.	-1.00	-0.62
Kobrinetz, Joaquin J.	0.71	-0.20
Lonsway, Chris	1.63	-0.62
Moore, Sean	0.58	2.75
Ragsdale, Kirt	-1.13	-0.62
Rodriguez, Jesus (Jesse)	-1.26	-0.20
Sanchez, Christopher	1.37	-0.62
Trevino, Robert	0.71	-0.62
MAXIMUM	-1.66	2.75
MINIMUM	-0.08	-0.20
RANGE(MAX-MIN)	-1.577	2.948
MEAN	0.000	-0.034
STANDARD DEVIATION	1.000	0.981
N SIZE	18.000	

Lab Raters (March 11-15, 2024)

Part ID= OILSCR6 - OIL SCREEN

Rated Values

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

Rater	P1	P2
Aguirre, Nancy P	100.00	0.00
Allen, Duane	97.00	3.00
Andiloro, Marcello	97.00	3.00
Austin, Philip	100.00	0.00
Barrera, Tony	98.00	2.00
Caproni, David	100.00	0.00
Chalkley Jr, Gerald	98.00	2.00
Cumberworth, Lee	96.00	4.00
DeCapite, Vanessa	99.00	1.00
Dominguez, Lucio	97.00	3.00
Garcia, Jessica E.	99.00	1.00
Kobrinetz, Joaquin J.	94.00	6.00
Lonsway, Chris	100.00	0.00
Moore, Sean	100.00	
Ragsdale, Kirt	97.00	3.00
Rodriguez, Jesus (Jesse)	100.00	0.00
Sanchez, Christopher	97.00	3.00
Trevino, Robert	98.00	2.00
MAXIMUM	100.00	6.00
MINIMUM	94.00	0.00
RANGE(MAX-MIN)	6.000	6.000
MEAN	98.167	1.941
STANDARD DEVIATION	1.724	1.713
N SIZE	18.000	

Part ID= OILSCR6 - OIL SCREEN

OILSCR6 YI Values

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

Rater	P1	P2
Aguirre, Nancy P	1.06	-1.13
Allen, Duane	-0.68	0.62
Andiloro, Marcello	-0.68	0.62
Austin, Philip	1.06	-1.13
Barrera, Tony	-0.10	0.03
Caproni, David	1.06	-1.13
Chalkley Jr, Gerald	-0.10	0.03
Cumberworth, Lee	-1.26	1.20
DeCapite, Vanessa	0.48	-0.55
Dominguez, Lucio	-0.68	0.62
Garcia, Jessica E.	0.48	-0.55
Kobrinetz, Joaquin J.	-2.42	2.37
Lonsway, Chris	1.06	-1.13
Moore, Sean	1.06	-1.13
Ragsdale, Kirt	-0.68	0.62
Rodriguez, Jesus (Jesse)	1.06	-1.13
Sanchez, Christopher	-0.68	0.62
Trevino, Robert	-0.10	0.03
MAXIMUM	-2.42	2.37
MINIMUM	-0.10	0.03
RANGE(MAX-MIN)	-2.321	2.335
MEAN	0.000	-0.063
STANDARD DEVIATION	1.000	1.006
N SIZE	18.000	

Lab Raters (March 11-15, 2024)

Part ID= OILSCR7 - OIL SCREEN

Rated Values

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

Rater	P1	P2
Aguirre, Nancy P	86.00	0.00
Allen, Duane	70.00	5.00
Andiloro, Marcello	85.00	10.00
Austin, Philip	88.00	0.00
Barrera, Tony	96.00	0.00
Caproni, David	93.00	0.00
Chalkley Jr, Gerald	75.00	3.00
Cumberworth, Lee	82.00	8.00
DeCapite, Vanessa	80.00	3.00
Dominguez, Lucio	92.00	0.00
Garcia, Jessica E.	90.00	
Kobrinetz, Joaquin J.	85.00	2.00
Lonsway, Chris	95.00	0.00
Moore, Sean	83.00	10.00
Ragsdale, Kirt	90.00	0.00
Rodriguez, Jesus (Jesse)	88.00	0.00
Sanchez, Christopher	88.00	0.00
Trevino, Robert	88.00	0.00
MAXIMUM	96.00	10.00
MINIMUM	70.00	0.00
RANGE(MAX-MIN)	26.000	10.000
MEAN	86.333	2.412
STANDARD DEVIATION	6.651	3.641
N SIZE	18.000	

Part ID= OILSCR7 - OIL SCREEN

OILSCR7 YI Values

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

Rater	P1	P2
Aguirre, Nancy P	-0.05	-0.66
Allen, Duane	-2.46	0.71
Andiloro, Marcello	-0.20	2.08
Austin, Philip	0.25	-0.66
Barrera, Tony	1.45	-0.66
Caproni, David	1.00	-0.66
Chalkley Jr, Gerald	-1.70	0.16
Cumberworth, Lee	-0.65	1.53
DeCapite, Vanessa	-0.95	0.16
Dominguez, Lucio	0.85	-0.66
Garcia, Jessica E.	0.55	-0.66
Kobrinetz, Joaquin J.	-0.20	-0.11
Lonsway, Chris	1.30	-0.66
Moore, Sean	-0.50	2.08
Ragsdale, Kirt	0.55	-0.66
Rodriguez, Jesus (Jesse)	0.25	-0.66
Sanchez, Christopher	0.25	-0.66
Trevino, Robert	0.25	-0.66
MAXIMUM	-2.46	2.08
MINIMUM	-0.05	-0.11
RANGE(MAX-MIN)	-2.406	2.197
MEAN	0.000	-0.037
STANDARD DEVIATION	1.000	0.983
N SIZE	18.000	

Lab Raters (March 11-15, 2024)

Part ID= OILSCR8 - OIL SCREEN

Rated Values

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

Rater	P1	P2
Aguirre, Nancy P	8.00	1.00
Allen, Duane	8.00	3.00
Andiloro, Marcello	20.00	2.00
Austin, Philip	26.00	4.00
Barrera, Tony	7.00	1.00
Caproni, David	15.00	2.00
Chalkley Jr, Gerald	15.00	2.00
Cumberworth, Lee	6.00	2.00
DeCapite, Vanessa	20.00	2.00
Dominguez, Lucio	8.00	1.00
Garcia, Jessica E.	10.00	1.00
Kobrinetz, Joaquin J.	12.00	2.00
Lonsway, Chris	25.00	2.00
Moore, Sean	23.00	6.00
Ragsdale, Kirt	12.00	1.00
Rodriguez, Jesus (Jesse)	9.00	3.00
Sanchez, Christopher	5.00	1.00
Trevino, Robert	8.00	2.00
MAXIMUM	26.00	6.00
MINIMUM	5.00	1.00
RANGE(MAX-MIN)	21.000	5.000
MEAN	13.167	2.111
STANDARD DEVIATION	6.836	1.278
N SIZE	18.000	

Part ID= OILSCR8 - OIL SCREEN

OILSCR8 YI Values

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

Rater	P1	P2
Aguirre, Nancy P	-0.76	-0.87
Allen, Duane	-0.76	0.70
Andiloro, Marcello	1.00	-0.09
Austin, Philip	1.88	1.48
Barrera, Tony	-0.90	-0.87
Caproni, David	0.27	-0.09
Chalkley Jr, Gerald	0.27	-0.09
Cumberworth, Lee	-1.05	-0.09
DeCapite, Vanessa	1.00	-0.09
Dominguez, Lucio	-0.76	-0.87
Garcia, Jessica E.	-0.46	-0.87
Kobrinetz, Joaquin J.	-0.17	-0.09
Lonsway, Chris	1.73	-0.09
Moore, Sean	1.44	3.04
Ragsdale, Kirt	-0.17	-0.87
Rodriguez, Jesus (Jesse)	-0.61	0.70
Sanchez, Christopher	-1.19	-0.87
Trevino, Robert	-0.76	-0.09
MAXIMUM	1.88	3.04
MINIMUM	-0.17	-0.09
RANGE(MAX-MIN)	2.048	3.129
MEAN	0.000	0.000
STANDARD DEVIATION	1.000	1.000
N SIZE	18.000	

Lab Raters (March 11-15, 2024)

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	0.00	-0.28	0.04	0.42	-0.20	-0.97	-0.18	0.54	-0.14	0.00			
A2-KEYSTONE	0.21	0.28	0.14	0.26	-0.07	-1.41	-0.79	-0.18	1.17	0.00			
A3-KEYSTONE	0.00	0.62	0.04	0.25	0.07	0.75	-0.17	-0.28	-1.16	0.75			
A4-KEYSTONE											0.05		
A5-C13-STYLE	-0.54	-0.57	0.73		-0.02	0.14	-0.74	-0.55	-1.00	0.50		-0.34	-1.15
A6-C13-STYLE	-0.48	0.05	0.64		-1.42	-0.43	-0.82	-0.32	0.00	-1.29		2.18	-1.45
A7-C13-STYLE	-0.87	-0.14	-0.51		0.09	-0.32	-0.30	-0.92	0.35	0.00		-0.69	-0.08
A8-C13-STYLE											0.79		
MAXIMUM	-0.87	0.62	0.73	0.42	-1.42	-1.41	-0.82	-0.92	1.17	-1.29	0.79	2.18	-1.45
MINIMUM	0.00	0.05	0.04	0.25	-0.02	0.14	-0.17	-0.18	0.00	0.00	0.05	-0.34	-0.08
RANGE(MAX-MIN)	-0.870	0.570	0.690	0.170	-1.400	-1.550	-0.650	-0.740	1.170	-1.290	0.740	2.520	-1.370
MEAN	-0.280	-0.007	0.180	0.310	-0.258	-0.373	-0.500	-0.285	-0.130	-0.007	0.050	0.383	-0.893
STANDARD DEVIATION	0.413	0.421	0.454	0.100	0.579	0.770	0.315	0.483	0.867	0.704	0.000	1.566	0.720

Lab Raters (March 11-15, 2024)

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	0.00	1.04	0.38	0.76	0.63				0.10	0.11	
B2-SEQUENCE IIIH PISTON	0.66	-0.20	0.59	0.88	0.62				0.14	0.15	
B3-SEQUENCE IIIH PISTON	1.06	-0.56	-0.46	0.50	0.79				0.26	0.26	
B4-SEQUENCE IIIH PISTON								1.80			
B5-GMOD PISTON	-0.06	-0.62	-0.40	0.66	-0.81				0.08	0.18	
B6-GMOD PISTON	0.00	0.26	0.18	0.78	1.31				-0.19	-0.20	
B7-GMOD PISTON	0.09	0.75	-0.22	-0.76	0.07				-0.34	0.39	
B8-GMOD PISTON								1.32			
MAXIMUM	1.06	1.04	0.59	0.88	1.31			1.80	-0.34	0.39	
MINIMUM	0.00	-0.20	0.18	0.50	0.07			1.32	0.08	0.11	
RANGE(MAX-MIN)	1.060	1.240	0.410	0.380	1.240			0.480	-0.420	0.280	
MEAN	0.292	0.112	0.012	0.470	0.435			1.320	0.008	0.148	
STANDARD DEVIATION	0.461	0.689	0.435	0.616	0.728			0.000	0.226	0.197	

Lab Raters (March 11-15, 2024)

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	0.26	0.84	1.17	0.72	0.10	0.46	0.05	0.00		
R1-8-SEQ. VH PISTONS	0.48	0.66	0.80	0.12	0.00	0.52	0.90	0.61		
S1-8-SEQ. VH PISTONS	0.51	0.47	0.11	0.30	0.11	0.76	0.40	0.99		
VRCBVL-RC BFL VARN L									0.10	
VRCBVR-RC BFL VARN R									0.25	
MAXIMUM	0.51	0.84	1.17	0.72	0.11	0.76	0.90	0.99	0.25	
MINIMUM	0.26	0.47	0.11	0.12	0.00	0.46	0.05	0.00	0.10	
RANGE(MAX-MIN)	0.250	0.370	1.060	0.600	0.110	0.300	0.850	0.990	0.150	
MEAN	0.417	0.657	0.693	0.380	0.070	0.580	0.450	0.533	0.100	
STANDARD DEVIATION	0.137	0.185	0.538	0.308	0.100	0.159	0.427	0.499	0.000	

Lab Raters (March 11-15, 2024)

Rater= Aguirre, Nancy P

YI Values

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

PartID	TOTALS	
ISMOP-ISM OIL PAN	-0.70	
ISMRC-ISM ROCKER COVER	-0.21	
VOP-OIL PAN SLUDGE	0.65	
VOPB-OIL PAN BFL SLUDGE	0.60	
VRCBL-RC BFL SLUDGE L	0.50	
VRCBR-RC BFL SLUDGE R	1.69	
VRCL-RC SLUDGE L	-0.15	
VRCL-RC SLUDGE R	-0.22	
VTCC-TC CVR SLUDGE	-0.07	
VVDL-VALVE DECK SLUDGE L	-0.02	
VVDR-VALVE DECK SLUDGE R	-0.02	
MAXIMUM	1.69	
MINIMUM	-0.02	
RANGE(MAX-MIN)	1.710	
MEAN	0.186	
STANDARD DEVIATION	0.642	

Lab Raters (March 11-15, 2024)

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	0.00	1.22	0.14	1.92	0.00	1.86	1.56	0.54	0.43	0.00			
A2-KEYSTONE	-1.29	-1.72	0.16	1.36	0.58	1.02	1.71	-0.18	-0.39	0.00			
A3-KEYSTONE	0.00	-0.85	0.02	0.95	0.42	-0.82	1.45	0.84	-1.30	0.75			
A4-KEYSTONE											0.95		
A5-C13-STYLE	-0.36	-1.01	1.54		0.88	0.43	-0.94	-0.63	-1.00	0.50		-1.63	-1.15
A6-C13-STYLE	-0.89	-1.11	0.90		-0.89	-0.21	-0.77	-0.17	0.00	-0.74		-0.22	-1.18
A7-C13-STYLE	0.41	-1.50	-1.06		0.32	-0.52	-1.16	-0.78	-2.47	0.00		0.21	-0.42
A8-C13-STYLE											-0.01		
MAXIMUM	-1.29	-1.72	1.54	1.92	-0.89	1.86	1.71	0.84	-2.47	0.75	0.95	-1.63	-1.18
MINIMUM	0.00	-0.85	0.02	0.95	0.00	-0.21	-0.77	-0.17	0.00	0.00	-0.01	0.21	-0.42
RANGE(MAX-MIN)	-1.290	-0.870	1.520	0.970	-0.890	2.070	2.480	1.010	-2.470	0.750	0.960	-1.840	-0.760
MEAN	-0.355	-0.828	0.283	1.410	0.218	0.293	0.308	-0.063	-0.788	0.085	-0.010	-0.547	-0.917
STANDARD DEVIATION	0.632	1.054	0.880	0.487	0.616	1.015	1.394	0.639	1.039	0.513	0.000	0.963	0.430

Lab Raters (March 11-15, 2024)

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	0.00	0.64	-1.32	-0.77	-1.77				0.10	0.11
B2-SEQUENCE IIIH PISTON	-0.45	0.90	-0.21	-0.90	-1.51				0.04	0.05
B3-SEQUENCE IIIH PISTON	-1.94	-1.47	-0.96	-1.54	-0.43				0.16	0.16
B4-SEQUENCE IIIH PISTON								-0.47		
B5-GMOD PISTON	-0.96	0.69	0.60	0.36	-0.91				0.18	0.08
B6-GMOD PISTON	0.00	-1.26	0.38	0.28	-1.18				0.81	0.60
B7-GMOD PISTON	0.09	-1.47	-0.02	0.14	-2.04				-0.04	0.09
B8-GMOD PISTON								-0.24		
MAXIMUM	-1.94	-1.47	-1.32	-1.54	-2.04			-0.47	0.81	0.60
MINIMUM	0.00	0.64	-0.02	0.14	-0.43			-0.24	0.04	0.05
RANGE(MAX-MIN)	-1.940	-2.110	-1.300	-1.680	-1.610			-0.230	0.770	0.550
MEAN	-0.543	-0.328	-0.255	-0.405	-1.307			-0.470	0.208	0.182
STANDARD DEVIATION	0.791	1.180	0.751	0.777	0.589			0.000	0.306	0.208

Lab Raters (March 11-15, 2024)

Rater= Barrera, Tony

YI Values

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

PartID	R1DEME	R2DEME	R3DEME	R4DEME	R5DEME	R6DEME	
J1-6-C13 2ND RING CARBON	-0.11	-0.50	-0.32	-1.00	0.84	-0.79	
K1-6-C13 2ND RING CARBON	-0.75	-0.96	1.05	0.21	0.77	-0.47	
L1-6-C13 2ND RING CARBON	0.03	1.35	-0.04	-1.00	-1.12	-0.34	
MAXIMUM	-0.75	1.35	1.05	-1.00	-1.12	-0.79	
MINIMUM	0.03	-0.50	-0.04	0.21	0.77	-0.34	
RANGE(MAX-MIN)	-0.780	1.850	1.090	-1.210	-1.890	-0.450	
MEAN	-0.277	-0.037	0.230	-0.597	0.163	-0.533	
STANDARD DEVIATION	0.416	1.223	0.724	0.699	1.112	0.232	

Lab Raters (March 11-15, 2024)

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	-1.10	-1.74	0.92	-0.02	0.47	-1.34	-0.14	-0.11		
R1-8-SEQ. VH PISTONS	0.12	-1.97	-1.70	-1.43	0.17	-1.23	-1.76	-1.48		
S1-8-SEQ. VH PISTONS	0.11	-0.63	-0.83	-0.34	0.31	0.06	-0.82	-0.26		
VRCBVL-RC BFL VARN L									1.94	
VRCBVR-RC BFL VARN R									0.75	
MAXIMUM	-1.10	-1.97	-1.70	-1.43	0.47	-1.34	-1.76	-1.48	1.94	
MINIMUM	0.11	-0.63	-0.83	-0.02	0.17	0.06	-0.14	-0.11	0.75	
RANGE(MAX-MIN)	-1.210	-1.340	-0.870	-1.410	0.300	-1.400	-1.620	-1.370	1.190	
MEAN	-0.290	-1.447	-0.537	-0.597	0.317	-0.837	-0.907	-0.617	0.750	
STANDARD DEVIATION	0.701	0.717	1.334	0.739	0.150	0.778	0.813	0.751	0.000	

Lab Raters (March 11-15, 2024)

Rater= Barrera, Tony

YI Values

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

PartID	TOTALS	
ISMOP-ISM OIL PAN	0.02	
ISMRC-ISM ROCKER COVER	-0.53	
VOP-OIL PAN SLUDGE	0.45	
VOPB-OIL PAN BFL SLUDGE	0.96	
VRCBL-RC BFL SLUDGE L	0.42	
VRCBR-RC BFL SLUDGE R	0.13	
VRCL-RC SLUDGE L	0.09	
VRCL-RC SLUDGE R	0.38	
VTCC-TC CVR SLUDGE	0.49	
VVDL-VALVE DECK SLUDGE L	-0.18	
VVDR-VALVE DECK SLUDGE R	0.14	
MAXIMUM	0.96	
MINIMUM	0.02	
RANGE(MAX-MIN)	0.940	
MEAN	0.215	
STANDARD DEVIATION	0.391	

Lab Raters (March 11-15, 2024)

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	0.00	-1.03	-0.02	-1.08	-0.10	-0.27	0.62	0.54	-1.30	0.00			
A2-KEYSTONE	-0.29	-1.02	-0.13	-0.84	-0.28	0.18	-0.62	-1.12	-0.91	0.00			
A3-KEYSTONE	0.00	-1.43	-0.04	-0.05	-0.09	1.51	-1.23	-0.28	-1.01	-0.25			
A4-KEYSTONE											0.55		
A5-C13-STYLE	-0.79	1.16	-0.92		0.40	1.24	-0.10	-0.46	0.00	0.50		-0.16	-0.14
A6-C13-STYLE	-1.14	0.58	-0.30		0.38	1.11	0.36	-0.76	0.00	0.88		-0.22	0.71
A7-C13-STYLE	-0.62	1.72	-0.80		-0.63	-0.20	0.17	-0.65	0.35	0.00		-0.69	-0.75
A8-C13-STYLE											-0.81		
MAXIMUM	-1.14	1.72	-0.92	-1.08	-0.63	1.51	-1.23	-1.12	-1.30	0.88	-0.81	-0.69	-0.75
MINIMUM	0.00	0.58	-0.02	-0.05	-0.09	0.18	-0.10	-0.28	0.00	0.00	0.55	-0.16	-0.14
RANGE(MAX-MIN)	-1.140	1.140	-0.900	-1.030	-0.540	1.330	-1.130	-0.840	-1.300	0.880	-1.360	-0.530	-0.610
MEAN	-0.473	-0.003	-0.368	-0.657	-0.053	0.595	-0.133	-0.455	-0.478	0.188	-0.810	-0.357	-0.060
STANDARD DEVIATION	0.458	1.326	0.395	0.539	0.395	0.784	0.685	0.565	0.676	0.418	0.000	0.290	0.733

Lab Raters (March 11-15, 2024)

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	0.00	-0.36	0.18	-1.28	-0.72				0.10	0.11
B2-SEQUENCE IIIH PISTON	-1.66	-0.50	-0.21	-0.39	-0.96				0.14	0.15
B3-SEQUENCE IIIH PISTON	-0.74	-0.28	0.74	0.28	-1.13				0.26	0.26
B4-SEQUENCE IIIH PISTON								-0.93		
B5-GMOD PISTON	-0.66	-0.95	-0.20	0.36	0.29				-0.62	0.18
B6-GMOD PISTON	0.00	-0.59	0.68	-0.22	-1.60				-0.99	-0.40
B7-GMOD PISTON	0.09	-1.57	-0.22	0.14	0.84				-0.14	-0.31
B8-GMOD PISTON								-1.52		
MAXIMUM	-1.66	-1.57	0.74	-1.28	-1.60			-1.52	-0.99	-0.40
MINIMUM	0.00	-0.28	0.18	0.14	0.29			-0.93	0.10	0.11
RANGE(MAX-MIN)	-1.660	-1.290	0.560	-1.420	-1.890			-0.590	-1.090	-0.510
MEAN	-0.495	-0.708	0.162	-0.185	-0.547			-1.520	-0.208	-0.002
STANDARD DEVIATION	0.675	0.482	0.451	0.610	0.925			0.000	0.494	0.280

Lab Raters (March 11-15, 2024)

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	0.08	0.00	-0.07	1.36	-1.64	0.08	
K1-6-C13 2ND RING CARBON	0.25	-0.58	-0.86	0.46	-1.18	0.35	
L1-6-C13 2ND RING CARBON	-1.99	-1.58	-0.75	1.93	1.36	0.93	
MAXIMUM	-1.99	-1.58	-0.86	1.93	-1.64	0.93	
MINIMUM	0.08	0.00	-0.07	0.46	-1.18	0.08	
RANGE(MAX-MIN)	-2.070	-1.580	-0.790	1.470	-0.460	0.850	
MEAN	-0.553	-0.720	-0.560	1.250	-0.487	0.453	
STANDARD DEVIATION	1.247	0.799	0.428	0.741	1.616	0.434	

Lab Raters (March 11-15, 2024)

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	-0.47	-0.07	0.27	0.58	-1.62	0.41	-0.05	0.53		
R1-8-SEQ. VH PISTONS	-0.34	0.03	-0.62	0.57	-1.00	0.11	-0.26	-0.12		
S1-8-SEQ. VH PISTONS	-0.49	-0.63	-1.21	-1.16	-0.49	-0.54	-1.82	-1.60		
VRCBVL-RC BFL VARN L									-1.32	
VRCBVR-RC BFL VARN R									-0.55	
MAXIMUM	-0.49	-0.63	-1.21	-1.16	-1.62	-0.54	-1.82	-1.60	-1.32	
MINIMUM	-0.34	0.03	0.27	0.57	-0.49	0.11	-0.05	-0.12	-0.55	
RANGE(MAX-MIN)	-0.150	-0.660	-1.480	-1.730	-1.130	-0.650	-1.770	-1.480	-0.770	
MEAN	-0.433	-0.223	-0.520	-0.003	-1.037	-0.007	-0.710	-0.397	-1.320	
STANDARD DEVIATION	0.100	0.356	0.745	1.002	0.566	0.486	0.967	1.092	0.000	

Lab Raters (March 11-15, 2024)

Rater= DeCapite, Vanessa

YI Values

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

PartID	TOTALS	
ISMOP-ISM OIL PAN	0.54	
ISMRC-ISM ROCKER COVER	0.79	
VOP-OIL PAN SLUDGE	0.21	
VOPB-OIL PAN BFL SLUDGE	-0.40	
VRCBL-RC BFL SLUDGE L	-0.02	
VRCBR-RC BFL SLUDGE R	-0.15	
VRCL-RC SLUDGE L	0.13	
VRCR-RC SLUDGE R	0.10	
VTCC-TC CVR SLUDGE	-0.75	
VVDL-VALVE DECK SLUDGE L	0.10	
VVDR-VALVE DECK SLUDGE R	0.74	
MAXIMUM	0.79	
MINIMUM	-0.02	
RANGE(MAX-MIN)	0.810	
MEAN	0.117	
STANDARD DEVIATION	0.462	

Lab Raters (March 11-15, 2024)

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	0.00	0.47	0.00	0.23	0.08	-0.97	0.22	-1.63	-0.14	0.00			
A2-KEYSTONE	-0.04	0.46	-0.05	0.06	0.26	-0.66	-0.68	0.29	-0.39	0.00			
A3-KEYSTONE	-0.25	-0.55	0.15	-0.25	-0.17	-0.59	0.08	0.84	0.04	-0.25			
A4-KEYSTONE											-0.15		
A5-C13-STYLE	0.36	-0.71	-0.02		-1.04	-0.30	0.09	-0.20	0.00	-2.00		1.33	-0.43
A6-C13-STYLE	1.10	-1.45	1.76		0.12	-1.82	1.99	-0.17	0.00	-0.74		-0.22	-0.64
A7-C13-STYLE	-0.54	-0.53	0.49		0.28	0.86	1.06	-0.12	0.35	0.00		-0.09	-0.08
A8-C13-STYLE											-0.01		
MAXIMUM	1.10	-1.45	1.76	-0.25	-1.04	-1.82	1.99	-1.63	-0.39	-2.00	-0.15	1.33	-0.64
MINIMUM	0.00	0.46	0.00	0.06	0.08	-0.30	0.08	-0.12	0.00	0.00	-0.01	-0.09	-0.08
RANGE(MAX-MIN)	1.100	-1.910	1.760	-0.310	-1.120	-1.520	1.910	-1.510	-0.390	-2.000	-0.140	1.420	-0.560
MEAN	0.105	-0.385	0.388	0.013	-0.078	-0.580	0.460	-0.165	-0.023	-0.498	-0.150	0.340	-0.383
STANDARD DEVIATION	0.571	0.739	0.701	0.243	0.498	0.877	0.932	0.821	0.242	0.790	0.000	0.860	0.283

Lab Raters (March 11-15, 2024)

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	0.00	0.04	-0.02	-0.99	-0.37				0.10	0.01
B2-SEQUENCE IIIH PISTON	-0.64	-0.30	-0.51	-1.03	-0.57				0.14	0.05
B3-SEQUENCE IIIH PISTON	-0.31	1.12	0.64	-0.21	-1.80				0.26	0.26
B4-SEQUENCE IIIH PISTON								0.00		
B5-GMOD PISTON	1.04	1.11	-0.40	-0.14	0.89				0.28	0.08
B6-GMOD PISTON	0.00	0.82	-1.32	-0.12	0.25				-1.19	-0.40
B7-GMOD PISTON	-0.01	0.16	-0.72	0.14	-0.81				-0.44	-0.51
B8-GMOD PISTON								0.33		
MAXIMUM	1.04	1.12	-1.32	-1.03	-1.80			0.33	-1.19	-0.51
MINIMUM	0.00	0.04	-0.02	-0.12	0.25			0.00	0.10	0.01
RANGE(MAX-MIN)	1.040	1.080	-1.300	-0.910	-2.050			0.330	-1.290	-0.520
MEAN	0.013	0.492	-0.388	-0.392	-0.402			0.000	-0.142	-0.085
STANDARD DEVIATION	0.563	0.604	0.661	0.494	0.921			0.000	0.577	0.301

Lab Raters (March 11-15, 2024)

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	0.27	1.75	0.18	-0.46	-0.29	1.60	
K1-6-C13 2ND RING CARBON	-0.50	0.19	-1.54	0.71	0.60	0.19	
L1-6-C13 2ND RING CARBON	0.27	0.69	0.97	0.47	1.08	-0.34	
MAXIMUM	-0.50	1.75	-1.54	0.71	1.08	1.60	
MINIMUM	0.27	0.19	0.18	-0.46	-0.29	0.19	
RANGE(MAX-MIN)	-0.770	1.560	-1.720	1.170	1.370	1.410	
MEAN	0.013	0.877	-0.130	0.240	0.463	0.483	
STANDARD DEVIATION	0.445	0.797	1.283	0.618	0.695	1.003	

Lab Raters (March 11-15, 2024)

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	0.35	1.01	-0.18	-0.08	0.56	-0.64	-0.14	-0.37		
R1-8-SEQ. VH PISTONS	-0.61	0.21	0.30	0.30	0.42	0.77	-0.35	-0.75		
S1-8-SEQ. VH PISTONS	-0.39	0.67	-0.89	-0.25	0.31	-0.14	0.68	0.24		
VRCBVL-RC BFL VARN L									-0.75	
VRCBVR-RC BFL VARN R									-0.25	
MAXIMUM	-0.61	1.01	-0.89	0.30	0.56	0.77	0.68	-0.75	-0.75	
MINIMUM	0.35	0.21	-0.18	-0.08	0.31	-0.14	-0.14	0.24	-0.25	
RANGE(MAX-MIN)	-0.960	0.800	-0.710	0.380	0.250	0.910	0.820	-0.990	-0.500	
MEAN	-0.217	0.630	-0.257	-0.010	0.430	-0.003	0.063	-0.293	-0.750	
STANDARD DEVIATION	0.503	0.401	0.599	0.282	0.125	0.715	0.544	0.499	0.000	

Lab Raters (March 11-15, 2024)

Rater= Dominguez, Lucio

YI Values

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

PartID	TOTALS	
ISMOP-ISM OIL PAN	-0.10	
ISMRC-ISM ROCKER COVER	-0.53	
VOP-OIL PAN SLUDGE	-0.79	
VOPB-OIL PAN BFL SLUDGE	-0.76	
VRCBL-RC BFL SLUDGE L	-0.46	
VRCBR-RC BFL SLUDGE R	-0.79	
VRCL-RC SLUDGE L	-0.35	
VRCL-RC SLUDGE R	-0.10	
VTCC-TC CVR SLUDGE	0.29	
VVDL-VALVE DECK SLUDGE L	-0.34	
VVDR-VALVE DECK SLUDGE R	-0.58	
MAXIMUM	-0.79	
MINIMUM	-0.10	
RANGE(MAX-MIN)	-0.690	
MEAN	-0.410	
STANDARD DEVIATION	0.339	

Lab Raters (March 11-15, 2024)

Rater= Kobrinetz, Joaquin J.

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	0.00	0.04	0.18	-0.56	-0.12				0.10	0.11	
B2-SEQUENCE IIIH PISTON	-0.45	-0.30	0.69	-0.58	0.05				0.14	0.15	
B3-SEQUENCE IIIH PISTON	-0.05	0.21	1.14	-1.26	0.71				0.26	0.26	
B4-SEQUENCE IIIH PISTON								-1.33			
B5-GMOD PISTON	0.14	-1.28	0.80	0.06	0.79				0.38	0.18	
B6-GMOD PISTON	0.00	-1.03	-0.32	-0.92	-0.20				1.01	0.60	
B7-GMOD PISTON	0.09	1.15	-0.02	0.04	1.01				0.66	0.49	
B8-GMOD PISTON								-0.03			
MAXIMUM	-0.45	-1.28	1.14	-1.26	1.01			-1.33	1.01	0.60	
MINIMUM	0.00	0.04	-0.02	0.04	0.05			-0.03	0.10	0.11	
RANGE(MAX-MIN)	-0.450	-1.320	1.160	-1.300	0.960			-1.300	0.910	0.490	
MEAN	-0.045	-0.202	0.412	-0.537	0.373			-1.330	0.425	0.298	
STANDARD DEVIATION	0.210	0.885	0.554	0.522	0.523			0.000	0.350	0.200	

Lab Raters (March 11-15, 2024)

Rater= Kobrinetz, Joaquin J.

YI Values

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

PartID	R1DEME	R2DEME	R3DEME	R4DEME	R5DEME	R6DEME	
J1-6-C13 2ND RING CARBON	-0.86	-0.75	-0.32	0.29	-0.40	-1.44	
K1-6-C13 2ND RING CARBON	1.00	1.35	-0.56	-0.04	-0.53	-1.63	
L1-6-C13 2ND RING CARBON	-0.51	-0.73	-1.05	0.22	-0.64	1.73	
MAXIMUM	1.00	1.35	-1.05	0.29	-0.64	1.73	
MINIMUM	-0.51	-0.73	-0.32	-0.04	-0.40	-1.44	
RANGE(MAX-MIN)	1.510	2.080	-0.730	0.330	-0.240	3.170	
MEAN	-0.123	-0.043	-0.643	0.157	-0.523	-0.447	
STANDARD DEVIATION	0.988	1.207	0.372	0.174	0.120	1.887	

Lab Raters (March 11-15, 2024)

Rater= Kobrinetz, Joaquin J.

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	0.35	0.51	0.62	-0.48	0.74	0.71	0.86	0.16		
R1-8-SEQ. VH PISTONS										
S1-8-SEQ. VH PISTONS										
VRCBVL-RC BFL VARN L									-0.82	
VRCBVR-RC BFL VARN R									-0.85	
MAXIMUM	0.35	0.51	0.62	-0.48	0.74	0.71	0.86	0.16	-0.85	
MINIMUM	0.35	0.51	0.62	-0.48	0.74	0.71	0.86	0.16	-0.82	
RANGE(MAX-MIN)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-0.030	
MEAN	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-0.850	
STANDARD DEVIATION	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.000	

Lab Raters (March 11-15, 2024)

Rater= Kobrinetz, Joaquin J.

YI Values

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

PartID	TOTALS	
ISMOP-ISM OIL PAN	0.66	
ISMRC-ISM ROCKER COVER	0.59	
VOP-OIL PAN SLUDGE	0.01	
VOPB-OIL PAN BFL SLUDGE	-0.28	
VRCBL-RC BFL SLUDGE L	-0.42	
VRCBR-RC BFL SLUDGE R	0.13	
VRCL-RC SLUDGE L	0.09	
VRCL-RC SLUDGE R	-0.02	
VTCC-TC CVR SLUDGE	-0.23	
VVDL-VALVE DECK SLUDGE L	-0.02	
VVDR-VALVE DECK SLUDGE R	-0.38	
MAXIMUM	0.66	
MINIMUM	0.01	
RANGE(MAX-MIN)	0.650	
MEAN	0.012	
STANDARD DEVIATION	0.355	

Lab Raters (March 11-15, 2024)

Rater= Kobrinetz, Joaquin J.

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	0.00	-1.03	0.01	0.30	-0.08	0.44	0.76	0.54	0.43	0.00			
A2-KEYSTONE	-0.96	1.01	0.17	0.06	0.23	1.57	1.15	-1.58	1.69	0.00			
A3-KEYSTONE	-0.75	-0.26	0.06	0.05	0.16	0.46	0.83	-1.40	0.93	-0.25			
A4-KEYSTONE											-0.95		
A5-C13-STYLE	1.21	1.81	-0.56		-1.22	-0.83	0.99	1.20	1.00	-1.00		0.39	0.72
A6-C13-STYLE	9.26	1.80	-0.95		0.09	-0.43	-1.23	2.22	0.00	-0.74		-0.82	0.17
A7-C13-STYLE	2.03	0.48	-0.63		-0.12	-1.86	-0.99	2.15	0.35	0.00		0.04	-0.08
A8-C13-STYLE											0.09		
MAXIMUM	9.26	1.81	-0.95	0.30	-1.22	-1.86	-1.23	2.22	1.69	-1.00	-0.95	-0.82	0.72
MINIMUM	0.00	-0.26	0.01	0.05	-0.08	-0.43	0.76	0.54	0.00	0.00	0.09	0.04	-0.08
RANGE(MAX-MIN)	9.260	2.070	-0.960	0.250	-1.140	-1.430	-1.990	1.680	1.690	-1.000	-1.040	-0.860	0.800
MEAN	1.798	0.635	-0.317	0.137	-0.157	-0.108	0.252	0.522	0.733	-0.332	-0.950	-0.130	0.270
STANDARD DEVIATION	3.832	1.138	0.457	0.142	0.538	1.194	1.066	1.680	0.600	0.436	0.000	0.623	0.409

Lab Raters (March 11-15, 2024)

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	0.00	1.22	0.00	-1.08	0.15	0.44	-1.31	-1.63	1.01	0.00			
A2-KEYSTONE	1.21	1.01	0.01	0.06	-0.43	-0.10	0.38	1.23	0.13	0.00			
A3-KEYSTONE	0.25	0.33	-0.05	0.15	-0.12	-1.24	-0.42	-1.40	0.78	-0.25			
A4-KEYSTONE											-0.75		
A5-C13-STYLE	0.26	0.23	0.10		0.66	-1.38	1.87	-0.20	0.00	1.00		1.37	1.44
A6-C13-STYLE	-0.32	0.26	-0.35		-0.84	-0.21	-0.02	-1.06	0.00	1.42		-0.22	0.98
A7-C13-STYLE	-1.03	0.46	2.04		-1.96	-0.12	1.77	0.55	0.35	0.00		2.31	2.24
A8-C13-STYLE											-0.01		
MAXIMUM	1.21	1.22	2.04	-1.08	-1.96	-1.38	1.87	-1.63	1.01	1.42	-0.75	2.31	2.24
MINIMUM	0.00	0.23	0.00	0.06	-0.12	-0.10	-0.02	-0.20	0.00	0.00	-0.01	-0.22	0.98
RANGE(MAX-MIN)	1.210	0.990	2.040	-1.140	-1.840	-1.280	1.890	-1.430	1.010	1.420	-0.740	2.530	1.260
MEAN	0.062	0.585	0.292	-0.290	-0.423	-0.435	0.378	-0.418	0.378	0.362	-0.750	1.153	1.553
STANDARD DEVIATION	0.740	0.423	0.870	0.686	0.909	0.717	1.250	1.144	0.426	0.677	0.000	1.279	0.638

Lab Raters (March 11-15, 2024)

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	0.00	-0.46	0.18	0.68	1.38				-0.90	-0.89
B2-SEQUENCE IIIH PISTON	1.59	0.10	-0.01	1.96	1.58				-0.86	-0.85
B3-SEQUENCE IIIH PISTON	0.37	-1.05	0.14	1.55	0.75				-1.74	-1.74
B4-SEQUENCE IIIH PISTON								-0.33		
B5-GMOD PISTON	-1.06	-0.80	-0.60	-0.24	-1.61				-0.62	-0.82
B6-GMOD PISTON	0.00	-0.31	-0.62	0.08	0.17				0.01	-0.40
B7-GMOD PISTON	-0.51	0.56	0.18	0.94	0.07				-0.54	-0.71
B8-GMOD PISTON								-1.31		
MAXIMUM	1.59	-1.05	-0.62	1.96	-1.61			-1.31	-1.74	-1.74
MINIMUM	0.00	0.10	-0.01	0.08	0.07			-0.33	0.01	-0.40
RANGE(MAX-MIN)	1.590	-1.150	-0.610	1.880	-1.680			-0.980	-1.750	-1.340
MEAN	0.065	-0.327	-0.122	0.828	0.390			-1.310	-0.775	-0.902
STANDARD DEVIATION	0.897	0.589	0.385	0.841	1.156			0.000	0.574	0.447

Lab Raters (March 11-15, 2024)

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	-0.11	0.25	0.18	1.15	-0.51	0.19	
K1-6-C13 2ND RING CARBON	-0.75	0.96	0.99	-0.04	0.60	0.85	
L1-6-C13 2ND RING CARBON	0.50	0.22	1.07	-0.59	0.50	-0.02	
MAXIMUM	-0.75	0.96	1.07	1.15	0.60	0.85	
MINIMUM	-0.11	0.22	0.18	-0.04	0.50	-0.02	
RANGE(MAX-MIN)	-0.640	0.740	0.890	1.190	0.100	0.870	
MEAN	-0.120	0.477	0.747	0.173	0.197	0.340	
STANDARD DEVIATION	0.625	0.419	0.492	0.889	0.614	0.454	

Lab Raters (March 11-15, 2024)

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	0.26	-0.41	-0.33	1.65	-1.08	-0.24	-0.05	0.37		
R1-8-SEQ. VH PISTONS	0.03	-0.43	1.38	0.48	-0.67	-0.48	-0.01	-0.03		
S1-8-SEQ. VH PISTONS	-0.59	-0.33	0.29	1.21	-0.29	-0.74	1.18	-0.93		
VRCBVL-RC BFL VARN L									0.31	
VRCBVR-RC BFL VARN R									1.55	
MAXIMUM	-0.59	-0.43	1.38	1.65	-1.08	-0.74	1.18	-0.93	1.55	
MINIMUM	0.03	-0.33	0.29	0.48	-0.29	-0.24	-0.01	-0.03	0.31	
RANGE(MAX-MIN)	-0.620	-0.100	1.090	1.170	-0.790	-0.500	1.190	-0.900	1.240	
MEAN	-0.100	-0.390	0.447	1.113	-0.680	-0.487	0.373	-0.197	0.310	
STANDARD DEVIATION	0.440	0.100	0.866	0.591	0.395	0.250	0.699	0.666	0.000	

Lab Raters (March 11-15, 2024)

Rater= Ragsdale, Kirt

YI Values

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

PartID	TOTALS	
ISMOP-ISM OIL PAN	-0.14	
ISMRC-ISM ROCKER COVER	-0.01	
VOP-OIL PAN SLUDGE	-0.39	
VOPB-OIL PAN BFL SLUDGE	0.72	
VRCBL-RC BFL SLUDGE L	-0.22	
VRCBR-RC BFL SLUDGE R	-0.67	
VRCL-RC SLUDGE L	0.09	
VRCL-RC SLUDGE R	0.38	
VTCC-TC CVR SLUDGE	0.25	
VVDL-VALVE DECK SLUDGE L	0.22	
VVDR-VALVE DECK SLUDGE R	0.14	
MAXIMUM	0.72	
MINIMUM	-0.01	
RANGE(MAX-MIN)	0.730	
MEAN	0.034	
STANDARD DEVIATION	0.382	

Lab Raters (March 11-15, 2024)

Rater= Sanchez, Christopher

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	0.00	0.47	-0.10	-0.33	0.15	0.44	-0.64	0.54	-0.72	0.00				
A2-KEYSTONE	0.46	-0.29	-0.18	-0.24	-0.21	-0.94	-0.24	1.23	-0.91	0.00				
A3-KEYSTONE	0.25	1.80	-0.04	-0.55	-0.11	0.68	-0.48	0.84	0.78	-0.25				
A4-KEYSTONE											-0.05			
A5-C13-STYLE	0.01	-0.65	-0.32		0.81	1.41	-0.93	-0.20	1.00	0.50		-0.55	1.15	
A6-C13-STYLE	1.53	-0.01	-1.08		1.44	0.89	0.21	-0.17	0.00	0.88		-0.22	1.25	
A7-C13-STYLE	0.39	-0.93	0.06		1.52	1.23	-0.01	0.15	0.35	0.00		-0.69	0.25	
A8-C13-STYLE											-0.01			
MAXIMUM	1.53	1.80	-1.08	-0.55	1.52	1.41	-0.93	1.23	1.00	0.88	-0.05	-0.69	1.25	
MINIMUM	0.00	-0.01	-0.04	-0.24	-0.11	0.44	-0.01	0.15	0.00	0.00	-0.01	-0.22	0.25	
RANGE(MAX-MIN)	1.530	1.810	-1.040	-0.310	1.630	0.970	-0.920	1.080	1.000	0.880	-0.040	-0.470	1.000	
MEAN	0.440	0.065	-0.277	-0.373	0.600	0.618	-0.348	0.398	0.083	0.188	-0.050	-0.487	0.883	
STANDARD DEVIATION	0.567	0.981	0.414	0.159	0.769	0.841	0.419	0.574	0.779	0.418	0.000	0.241	0.551	

Lab Raters (March 11-15, 2024)

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	0.00	-1.36	0.08	1.27	0.03				0.10	0.11
B2-SEQUENCE IIIH PISTON	0.48	0.30	-0.11	0.12	0.78				0.14	0.15
B3-SEQUENCE IIIH PISTON	0.97	1.12	-0.46	0.45	0.59				0.26	0.26
B4-SEQUENCE IIIH PISTON								0.67		
B5-GMOD PISTON	0.74	0.96	-0.20	-0.54	0.59				-0.02	-0.02
B6-GMOD PISTON	0.00	1.74	0.48	-0.22	1.08				0.11	-0.30
B7-GMOD PISTON	0.09	0.06	0.08	0.14	0.25				0.36	0.19
B8-GMOD PISTON								0.83		
MAXIMUM	0.97	1.74	0.48	1.27	1.08			0.83	0.36	-0.30
MINIMUM	0.00	0.06	0.08	0.12	0.03			0.67	-0.02	-0.02
RANGE(MAX-MIN)	0.970	1.680	0.400	1.150	1.050			0.160	0.380	-0.280
MEAN	0.380	0.470	-0.022	0.203	0.553			0.670	0.158	0.065
STANDARD DEVIATION	0.415	1.079	0.318	0.623	0.373			0.000	0.133	0.202

Lab Raters (March 11-15, 2024)

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	0.08	-0.50	0.43	-0.14	1.17	0.73	
K1-6-C13 2ND RING CARBON	0.75	0.38	0.62	-1.29	-1.35	0.35	
L1-6-C13 2ND RING CARBON	0.97	-0.54	-1.15	-0.76	-1.02	-0.98	
MAXIMUM	0.97	-0.54	-1.15	-1.29	-1.35	-0.98	
MINIMUM	0.08	0.38	0.43	-0.14	-1.02	0.35	
RANGE(MAX-MIN)	0.890	-0.920	-1.580	-1.150	-0.330	-1.330	
MEAN	0.600	-0.220	-0.033	-0.730	-0.400	0.033	
STANDARD DEVIATION	0.464	0.520	0.972	0.576	1.370	0.898	

Lab Raters (March 11-15, 2024)

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	-0.19	0.01	-1.33	-1.35	0.56	0.01	-0.32	-0.53		
R1-8-SEQ. VH PISTONS	0.39	1.03	0.13	0.48	0.25	-0.23	0.74	1.25		
S1-8-SEQ. VH PISTONS	0.81	0.37	1.36	-0.43	-0.29	0.56	-0.10	0.40		
VRCBVL-RC BFL VARN L									0.17	
VRCBVR-RC BFL VARN R									-0.25	
MAXIMUM	0.81	1.03	1.36	-1.35	0.56	0.56	0.74	1.25	-0.25	
MINIMUM	-0.19	0.01	0.13	-0.43	0.25	0.01	-0.10	0.40	0.17	
RANGE(MAX-MIN)	1.000	1.020	1.230	-0.920	0.310	0.550	0.840	0.850	-0.420	
MEAN	0.337	0.470	0.053	-0.433	0.173	0.113	0.107	0.373	-0.250	
STANDARD DEVIATION	0.502	0.517	1.347	0.915	0.430	0.405	0.559	0.890	0.000	

Lab Raters (March 11-15, 2024)

Rater= Sanchez, Christopher

YI Values

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

PartID	TOTALS	
ISMOP-ISM OIL PAN	-0.10	
ISMRC-ISM ROCKER COVER	-0.05	
VOP-OIL PAN SLUDGE	0.05	
VOPB-OIL PAN BFL SLUDGE	-0.36	
VRCBL-RC BFL SLUDGE L	0.14	
VRCBR-RC BFL SLUDGE R	-0.11	
VRCL-RC SLUDGE L	0.09	
VRCL-RC SLUDGE R	0.14	
VTCC-TC CVR SLUDGE	0.17	
VVDL-VALVE DECK SLUDGE L	0.02	
VVDR-VALVE DECK SLUDGE R	-0.02	
MAXIMUM	-0.36	
MINIMUM	0.02	
RANGE(MAX-MIN)	-0.380	
MEAN	-0.003	
STANDARD DEVIATION	0.153	

Lab Raters (March 11-15, 2024)

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	0.00	-1.03	-0.04	-0.39	0.01	-0.97	-1.04	0.54	0.43	0.00				
A2-KEYSTONE	0.71	0.24	-0.14	-0.74	-0.07	0.35	-0.90	0.29	-0.39	0.00				
A3-KEYSTONE	0.50	0.33	-0.14	-0.55	-0.19	-0.73	-0.05	0.84	0.93	-0.25				
A4-KEYSTONE											0.35			
A5-C13-STYLE	-0.14	-0.25	-0.56		-0.47	-0.72	-0.25	1.03	0.00	0.00		-0.40	-0.43	
A6-C13-STYLE	0.20	-0.13	-0.61		1.11	1.11	0.29	0.43	0.00	0.34		-0.22	0.17	
A7-C13-STYLE	0.22	0.43	0.41		0.50	0.93	-0.54	-0.38	0.35	0.00		-0.43	-1.08	
A8-C13-STYLE											-0.01			
MAXIMUM	0.71	-1.03	-0.61	-0.74	1.11	1.11	-1.04	1.03	0.93	0.34	0.35	-0.43	-1.08	
MINIMUM	0.00	-0.13	-0.04	-0.39	0.01	0.35	-0.05	0.29	0.00	0.00	-0.01	-0.22	0.17	
RANGE(MAX-MIN)	0.710	-0.900	-0.570	-0.350	1.100	0.760	-0.990	0.740	0.930	0.340	0.360	-0.210	-1.250	
MEAN	0.248	-0.068	-0.180	-0.560	0.148	-0.005	-0.415	0.458	0.220	0.015	-0.010	-0.350	-0.447	
STANDARD DEVIATION	0.314	0.541	0.374	0.175	0.568	0.918	0.510	0.492	0.455	0.188	0.000	0.114	0.625	

Lab Raters (March 11-15, 2024)

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	0.00	0.44	0.38	0.90	0.93				0.30	0.31	
B2-SEQUENCE IIIH PISTON	0.48	0.00	-0.21	-0.07	0.01				0.14	0.15	
B3-SEQUENCE IIIH PISTON	0.63	0.91	-0.76	0.23	0.51				0.26	0.26	
B4-SEQUENCE IIIH PISTON								0.60			
B5-GMOD PISTON	0.84	0.90	0.40	-0.54	0.79				0.38	0.18	
B6-GMOD PISTON	0.00	0.38	0.58	0.38	0.17				0.41	0.50	
B7-GMOD PISTON	0.09	0.36	0.98	-0.76	0.60				0.46	0.39	
B8-GMOD PISTON								0.61			
MAXIMUM	0.84	0.91	0.98	0.90	0.93			0.61	0.46	0.50	
MINIMUM	0.00	0.00	-0.21	-0.07	0.01			0.60	0.14	0.15	
RANGE(MAX-MIN)	0.840	0.910	1.190	0.970	0.920			0.010	0.320	0.350	
MEAN	0.340	0.498	0.228	0.023	0.502			0.600	0.325	0.298	
STANDARD DEVIATION	0.360	0.351	0.618	0.613	0.354			0.000	0.116	0.132	

Lab Raters (March 11-15, 2024)

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	0.64	-0.25	-0.07	-1.21	0.84	-0.36	
K1-6-C13 2ND RING CARBON	0.00	-1.35	0.31	-0.04	1.09	0.35	
L1-6-C13 2ND RING CARBON	0.73	0.59	0.97	-0.27	-0.16	-0.98	
MAXIMUM	0.73	-1.35	0.97	-1.21	1.09	-0.98	
MINIMUM	0.00	-0.25	-0.07	-0.04	-0.16	0.35	
RANGE(MAX-MIN)	0.730	-1.100	1.040	-1.170	1.250	-1.330	
MEAN	0.457	-0.337	0.403	-0.507	0.590	-0.330	
STANDARD DEVIATION	0.398	0.973	0.526	0.620	0.661	0.666	

Lab Raters (March 11-15, 2024)

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	0.53	-0.16	-1.13	-1.02	0.28	0.66	-0.23	-0.05		
R1-8-SEQ. VH PISTONS	-0.06	0.48	-0.29	-0.52	0.83	0.52	0.74	0.52		
S1-8-SEQ. VH PISTONS	0.01	0.07	1.17	0.66	0.31	0.06	0.47	1.15		
VRCBVL-RC BFL VARN L									0.38	
VRCBVR-RC BFL VARN R									-0.65	
MAXIMUM	0.53	0.48	1.17	-1.02	0.83	0.66	0.74	1.15	-0.65	
MINIMUM	0.01	0.07	-0.29	-0.52	0.28	0.06	-0.23	-0.05	0.38	
RANGE(MAX-MIN)	0.520	0.410	1.460	-0.500	0.550	0.600	0.970	1.200	-1.030	
MEAN	0.160	0.130	-0.083	-0.293	0.473	0.413	0.327	0.540	-0.650	
STANDARD DEVIATION	0.322	0.324	1.164	0.863	0.309	0.314	0.501	0.600	0.000	

Lab Raters (March 11-15, 2024)

Rater= Trevino, Robert

YI Values

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

PartID	TOTALS	
ISMOP-ISM OIL PAN	-0.14	
ISMRC-ISM ROCKER COVER	-0.05	
VOP-OIL PAN SLUDGE	-0.19	
VOPB-OIL PAN BFL SLUDGE	-0.48	
VRCBL-RC BFL SLUDGE L	0.02	
VRCBR-RC BFL SLUDGE R	-0.23	
VRCL-RC SLUDGE L	0.01	
VRCL-RC SLUDGE R	-0.70	
VTCC-TC CVR SLUDGE	-0.15	
VVDL-VALVE DECK SLUDGE L	0.18	
VVDR-VALVE DECK SLUDGE R	-0.06	
MAXIMUM	-0.70	
MINIMUM	0.01	
RANGE(MAX-MIN)	-0.710	
MEAN	-0.163	
STANDARD DEVIATION	0.245	

Lab Raters (March 11-15, 2024)

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	0.00	1.04	-0.02	1.34	-1.82				0.10	0.11
B2-SEQUENCE IIIH PISTON	1.50	1.10	0.09	-0.45	-1.06				0.14	0.15
B3-SEQUENCE IIIH PISTON	1.23	0.21	0.04	0.39	-1.41				-0.74	-0.74
B4-SEQUENCE IIIH PISTON								0.27		
B5-GMOD PISTON	-1.06	-0.74	-0.50	-0.04	-0.41				-1.62	-1.82
B6-GMOD PISTON	0.00	0.49	-0.32	-0.12	-1.45				-1.49	-1.40
B7-GMOD PISTON	0.19	-1.57	-0.02	0.64	-1.98				-0.34	-0.31
B8-GMOD PISTON								0.47		
MAXIMUM	1.50	-1.57	-0.50	1.34	-1.98			0.47	-1.62	-1.82
MINIMUM	0.00	0.21	-0.02	-0.04	-0.41			0.27	0.10	0.11
RANGE(MAX-MIN)	1.500	-1.780	-0.480	1.380	-1.570			0.200	-1.720	-1.930
MEAN	0.310	0.088	-0.122	0.293	-1.355			0.270	-0.658	-0.668
STANDARD DEVIATION	0.932	1.053	0.234	0.642	0.565			0.000	0.766	0.809

Lab Raters (March 11-15, 2024)

Rater= Allen, Duane

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	2.99	4.27	-2.36	0.47	1.94	2.68	
MAXIMUM	2.99	4.27	-2.36	0.47	1.94	2.68	
MINIMUM	2.99	4.27	-2.36	0.47	1.94	2.68	
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 (March 11-15, 2024)

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	0.90	-1.74	0.92	1.52	0.47	-1.69	-0.95	-0.21		
R1-8-SEQ. VH PISTONS	0.94	0.21	1.30	0.48	-0.42	0.36	0.74	1.06		
S1-8-SEQ. VH PISTONS										
VRCBVL-RC BFL VARN L									-1.60	
VRCBVR-RC BFL VARN R									-2.35	
MAXIMUM	0.94	-1.74	1.30	1.52	0.47	-1.69	-0.95	1.06	-2.35	
MINIMUM	0.90	0.21	0.92	0.48	-0.42	0.36	0.74	-0.21	-1.60	
RANGE(MAX-MIN)	0.040	-1.950	0.380	1.040	0.890	-2.050	-1.690	1.270	-0.750	
MEAN	0.900	-1.740	0.920	0.480	-0.420	-1.690	-0.950	-0.210	-2.350	
STANDARD DEVIATION	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	

Lab Raters (March 11-15, 2024)

Rater= Allen, Duane

YI Values

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

PartID	TOTALS	
ISMOP-ISM OIL PAN	0.74	
ISMRC-ISM ROCKER COVER	0.75	
VOP-OIL PAN SLUDGE	-0.91	
VOPB-OIL PAN BFL SLUDGE	0.00	
VRCBL-RC BFL SLUDGE L	-0.46	
VRCBR-RC BFL SLUDGE R	-1.11	
VRCL-RC SLUDGE L	-0.15	
VRCL-RC SLUDGE R	-0.90	
VTCC-TC CVR SLUDGE	0.69	
VVDL-VALVE DECK SLUDGE L	0.78	
VVDR-VALVE DECK SLUDGE R	-0.02	
MAXIMUM	-1.11	
MINIMUM	0.00	
RANGE(MAX-MIN)	-1.110	
MEAN	-0.054	
STANDARD DEVIATION	0.726	

Lab Raters (March 11-15, 2024)

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	2.00	-1.03	1.02	0.11	-0.91	-1.68	-0.44	0.76	-1.88	0.00			
A2-KEYSTONE	-0.29	1.14	0.27	0.36	0.09	-0.28	2.26	-1.12	-0.91	0.00			
A3-KEYSTONE	0.00	0.62	0.90	-1.65	0.13	-0.63	0.39	-0.28	1.08	-0.25			
A4-KEYSTONE											0.65		
A5-C13-STYLE	1.42	-0.94	-0.92		0.27	-1.01	-0.42	1.46	0.00	-0.50		-1.93	-1.15
A6-C13-STYLE	-2.69	0.59	-1.08		0.27	-1.97	-0.13	-0.47	0.00	1.42		-0.22	-1.45
A7-C13-STYLE	-1.11	-0.86	0.75		-0.69	-0.83	0.35	-0.52	1.48	0.00		-0.09	-0.08
A8-C13-STYLE											1.39		
MAXIMUM	-2.69	1.14	-1.08	-1.65	-0.91	-1.97	2.26	1.46	-1.88	1.42	1.39	-1.93	-1.45
MINIMUM	0.00	0.59	0.27	0.11	0.09	-0.28	-0.13	-0.28	0.00	0.00	0.65	-0.09	-0.08
RANGE(MAX-MIN)	-2.690	0.550	-1.350	-1.760	-1.000	-1.690	2.390	1.740	-1.880	1.420	0.740	-1.840	-1.370
MEAN	-0.112	-0.080	0.157	-0.393	-0.140	-1.067	0.335	-0.028	-0.038	0.112	0.650	-0.747	-0.893
STANDARD DEVIATION	1.703	0.967	0.933	1.095	0.521	0.642	1.010	0.952	1.242	0.671	0.000	1.027	0.720

Lab Raters (March 11-15, 2024)

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	0.00	1.24	0.08	-0.48	-1.62				0.10	0.11
B2-SEQUENCE IIIH PISTON	1.68	0.70	0.89	1.52	-0.26				-0.06	-0.25
B3-SEQUENCE IIIH PISTON	1.14	2.16	0.94	0.28	0.04				-0.14	-0.14
B4-SEQUENCE IIIH PISTON								0.33		
B5-GMOD PISTON	-1.26	0.54	0.00	0.06	-0.11				0.28	0.18
B6-GMOD PISTON	0.00	1.12	0.68	-0.32	-0.50				0.01	0.50
B7-GMOD PISTON	-0.51	0.61	1.88	0.84	0.66				-0.14	0.49
B8-GMOD PISTON								0.83		
MAXIMUM	1.68	2.16	1.88	1.52	-1.62			0.83	0.28	0.50
MINIMUM	0.00	0.54	0.00	0.06	0.04			0.33	0.01	0.11
RANGE(MAX-MIN)	1.680	1.620	1.880	1.460	-1.660			0.500	0.270	0.390
MEAN	0.175	1.062	0.745	0.317	-0.298			0.330	0.008	0.148
STANDARD DEVIATION	1.076	0.608	0.685	0.752	0.756			0.000	0.162	0.311

Lab Raters (March 11-15, 2024)

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	-0.43	
VOPB-OIL PAN BFL SLUDGE	-0.32	
VRCBL-RC BFL SLUDGE L	1.02	
VRCBR-RC BFL SLUDGE R	-1.11	
VRCL-RC SLUDGE L	0.57	
VRCL-RC SLUDGE R	0.38	
VTCC-TC CVR SLUDGE	1.41	
VVDL-VALVE DECK SLUDGE L	-0.42	
VVDR-VALVE DECK SLUDGE R	-0.30	
MAXIMUM	1.41	
MINIMUM	-0.30	
RANGE(MAX-MIN)	1.710	
MEAN	0.089	
STANDARD DEVIATION	0.807	

Lab Raters (March 11-15, 2024)

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	-0.69	0.47	0.19	0.92	0.17	0.56	-0.24	0.54	1.59	0.00				
A2-KEYSTONE	-0.58	-0.47	-0.09	1.46	1.87	0.33	1.49	0.29	1.17	0.00				
A3-KEYSTONE	0.75	-0.26	0.21	1.65	1.35	-0.38	-0.05	1.97	-0.26	-0.25				
A4-KEYSTONE											-0.45			
A5-C13-STYLE	-1.23	1.62	-0.32		1.97	-1.80	-0.21	-1.94	1.00	1.00		-1.93	0.00	
A6-C13-STYLE	2.12	-0.94	-0.90		0.48	-0.21	0.97	-1.81	0.00	1.42		-3.22	1.25	
A7-C13-STYLE	-1.78	-1.34	-1.26		0.76	1.40	-0.69	-1.99	0.35	0.00		1.24	0.91	
A8-C13-STYLE											1.19			
MAXIMUM	2.12	1.62	-1.26	1.65	1.97	-1.80	1.49	-1.99	1.59	1.42	1.19	-3.22	1.25	
MINIMUM	-0.58	-0.26	-0.09	0.92	0.17	-0.21	-0.05	0.29	0.00	0.00	-0.45	1.24	0.00	
RANGE(MAX-MIN)	2.700	1.880	-1.170	0.730	1.800	-1.590	1.540	-2.280	1.590	1.420	1.640	-4.460	1.250	
MEAN	-0.235	-0.153	-0.362	1.343	1.100	-0.017	0.212	-0.490	0.642	0.362	-0.450	-1.303	0.720	
STANDARD DEVIATION	1.430	1.065	0.601	0.379	0.745	1.078	0.833	1.662	0.723	0.677	0.000	2.295	0.646	

Lab Raters (March 11-15, 2024)

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	-0.50	0.74	-2.62	0.90	1.23				-0.90	-1.39
B2-SEQUENCE IIIH PISTON	0.57	-0.60	-0.71	0.95	-0.36				-1.86	-1.85
B3-SEQUENCE IIIH PISTON	-0.31	-0.63	0.24	1.50	0.67				-1.24	-1.24
B4-SEQUENCE IIIH PISTON								-0.73		
B5-GMOD PISTON	-1.76	-0.44	-0.90	0.96	-0.41				-1.12	-1.32
B6-GMOD PISTON	0.00	-1.58	-1.42	0.88	0.63				-0.99	-0.40
B7-GMOD PISTON	-0.21	-1.03	-0.92	1.74	0.07				-1.14	-0.91
B8-GMOD PISTON								-1.02		
MAXIMUM	-1.76	-1.58	-2.62	1.74	1.23			-1.02	-1.86	-1.85
MINIMUM	0.00	-0.44	0.24	0.88	0.07			-0.73	-0.90	-0.40
RANGE(MAX-MIN)	-1.760	-1.140	-2.860	0.860	1.160			-0.290	-0.960	-1.450
MEAN	-0.368	-0.590	-1.055	1.155	0.305			-1.020	-1.208	-1.185
STANDARD DEVIATION	0.774	0.770	0.940	0.369	0.649			0.000	0.341	0.489

Lab Raters (March 11-15, 2024)

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	1.58	0.50	1.68	-0.14	-0.74	-1.01	
K1-6-C13 2ND RING CARBON	0.00	-1.15	0.37	1.46	-0.70	0.85	
L1-6-C13 2ND RING CARBON	-0.43	-2.33	1.37	-0.92	-0.35	-0.02	
MAXIMUM	1.58	-2.33	1.68	1.46	-0.74	-1.01	
MINIMUM	0.00	0.50	0.37	-0.14	-0.35	-0.02	
RANGE(MAX-MIN)	1.580	-2.830	1.310	1.600	-0.390	-0.990	
MEAN	0.383	-0.993	1.140	0.133	-0.597	-0.060	
STANDARD DEVIATION	1.058	1.421	0.685	1.213	0.215	0.931	

Lab Raters (March 11-15, 2024)

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	-0.38	-0.82	0.27	-0.62	-1.44	-1.14	0.23	0.37		
R1-8-SEQ. VH PISTONS	-0.61	-1.97	1.46	-0.34	-0.33	-0.73	0.07	-0.57		
S1-8-SEQ. VH PISTONS	1.71	0.37	0.29	0.30	-1.89	1.16	-0.24	-0.01		
VRCBVL-RC BFL VARN L									0.45	
VRCBVR-RC BFL VARN R									-1.75	
MAXIMUM	1.71	-1.97	1.46	-0.62	-1.89	1.16	-0.24	-0.57	-1.75	
MINIMUM	-0.38	0.37	0.27	0.30	-0.33	-0.73	0.07	-0.01	0.45	
RANGE(MAX-MIN)	2.090	-2.340	1.190	-0.920	-1.560	1.890	-0.310	-0.560	-2.200	
MEAN	0.240	-0.807	0.673	-0.220	-1.220	-0.237	0.020	-0.070	-1.750	
STANDARD DEVIATION	1.278	1.170	0.681	0.472	0.803	1.227	0.239	0.473	0.000	

Lab Raters (March 11-15, 2024)

Rater= Austin, Philip

YI Values

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

PartID	TOTALS	
ISMOP-ISM OIL PAN	1.46	
ISMRC-ISM ROCKER COVER	1.47	
VOP-OIL PAN SLUDGE	0.37	
VOPB-OIL PAN BFL SLUDGE	0.84	
VRCBL-RC BFL SLUDGE L	0.38	
VRCBR-RC BFL SLUDGE R	-0.95	
VRCL-RC SLUDGE L	0.93	
VRCL-RC SLUDGE R	1.10	
VTCC-TC CVR SLUDGE	0.49	
VVDL-VALVE DECK SLUDGE L	0.26	
VVDR-VALVE DECK SLUDGE R	0.06	
MAXIMUM	1.47	
MINIMUM	0.06	
RANGE(MAX-MIN)	1.410	
MEAN	0.583	
STANDARD DEVIATION	0.695	

Lab Raters (March 11-15, 2024)

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	0.38	-0.28	0.07	-1.14	-0.40	1.15	-0.98	1.30	-1.71	0.00			
A2-KEYSTONE	0.21	0.67	0.00	-1.54	0.34	0.11	1.71	0.08	1.48	0.00			
A3-KEYSTONE	-0.75	-0.26	0.69	-0.85	0.58	1.40	1.02	-0.49	-0.56	-0.25			
A4-KEYSTONE											1.35		
A5-C13-STYLE	-1.90	-0.22	-0.92		-1.37	1.93	0.79	-1.36	-0.24	0.50		1.01	-1.15
A6-C13-STYLE	0.63	-0.48	0.48		0.55	1.99	0.11	0.95	2.00	1.42		-0.22	-1.18
A7-C13-STYLE	-1.10	1.21	0.75		-0.16	2.10	0.35	-0.52	-0.41	10.00		-0.69	-0.42
A8-C13-STYLE											1.39		
MAXIMUM	-1.90	1.21	-0.92	-1.54	-1.37	2.10	1.71	-1.36	2.00	10.00	1.39	1.01	-1.18
MINIMUM	0.21	-0.22	0.00	-0.85	-0.16	0.11	0.11	0.08	-0.24	0.00	1.35	-0.22	-0.42
RANGE(MAX-MIN)	-2.110	1.430	-0.920	-0.690	-1.210	1.990	1.600	-1.440	2.240	10.000	0.040	1.230	-0.760
MEAN	-0.422	0.107	0.178	-1.177	-0.077	1.447	0.500	-0.007	0.093	0.334	1.350	0.033	-0.917
STANDARD DEVIATION	0.990	0.674	0.621	0.346	0.746	0.753	0.915	0.996	1.386	0.665	0.000	0.878	0.430

Lab Raters (March 11-15, 2024)

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	0.00	-0.86	0.88	-0.99	2.49				0.10	0.11
B2-SEQUENCE IIIH PISTON	-0.92	-0.70	-0.21	-0.39	1.09				0.14	0.05
B3-SEQUENCE IIIH PISTON	-0.57	-0.14	-1.36	-0.99	1.49				0.26	0.26
B4-SEQUENCE IIIH PISTON								-0.93		
B5-GMOD PISTON	-0.26	0.81	-0.70	0.36	-1.01				0.38	0.18
B6-GMOD PISTON	0.00	-0.98	-0.62	0.88	-1.18				-1.29	-1.60
B7-GMOD PISTON	0.09	0.85	0.38	0.94	0.49				-0.94	-0.91
B8-GMOD PISTON								4.10		
MAXIMUM	-0.92	-0.98	-1.36	-0.99	2.49			4.10	-1.29	-1.60
MINIMUM	0.00	-0.14	-0.21	0.36	0.49			-0.93	0.10	0.05
RANGE(MAX-MIN)	-0.920	-0.840	-1.150	-1.350	2.000			5.030	-1.390	-1.650
MEAN	-0.277	-0.170	-0.272	-0.032	0.562			-0.930	-0.225	-0.318
STANDARD DEVIATION	0.397	0.826	0.805	0.882	1.440			0.000	0.705	0.761

Lab Raters (March 11-15, 2024)

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	-1.03	
VOPB-OIL PAN BFL SLUDGE	-0.56	
VRCBL-RC BFL SLUDGE L	0.94	
VRCBR-RC BFL SLUDGE R	1.13	
VRCL-RC SLUDGE L	-0.07	
VRCL-RC SLUDGE R	-0.26	
VTCC-TC CVR SLUDGE	0.41	
VVDL-VALVE DECK SLUDGE L	0.18	
VVDR-VALVE DECK SLUDGE R	-0.38	
MAXIMUM	1.13	
MINIMUM	-0.07	
RANGE(MAX-MIN)	1.200	
MEAN	0.040	
STANDARD DEVIATION	0.702	

Lab Raters (March 11-15, 2024)

Rater= Cales, Jonathon

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	2.50	-0.28	-0.29	-0.89	-0.42	0.44	0.09	-1.63	0.43	0.00			
A2-KEYSTONE	-1.04	0.93	-0.17	-1.94	0.04	-2.08	0.49	0.29	1.17	0.00			
A3-KEYSTONE	-0.75	0.33	0.18	0.55	-1.15	0.01	2.89	0.84	-0.11	-0.25			
A4-KEYSTONE											0.45		
A5-C13-STYLE	0.32	0.26	-1.34		-0.69	-2.48	-0.21	-0.81	-1.00	-0.50		-0.75	-1.15
A6-C13-STYLE	3.03	-0.24	-0.30		-1.54	-1.75	1.85	-1.66	0.00	-0.20		-0.22	-0.91
A7-C13-STYLE	-1.60	-1.99	0.92		-1.50	-1.49	0.64	-0.52	-0.41	0.00		1.29	-0.42
A8-C13-STYLE											2.29		
MAXIMUM	3.03	-1.99	-1.34	-1.94	-1.54	-2.48	2.89	-1.66	1.17	-0.50	2.29	1.29	-1.15
MINIMUM	0.32	-0.24	-0.17	0.55	0.04	0.01	0.09	0.29	0.00	0.00	0.45	-0.22	-0.42
RANGE(MAX-MIN)	2.710	-1.750	-1.170	-2.490	-1.580	-2.490	2.800	-1.950	1.170	-0.500	1.840	1.510	-0.730
MEAN	0.410	-0.165	-0.167	-0.760	-0.877	-1.225	0.958	-0.582	0.013	-0.158	0.450	0.107	-0.827
STANDARD DEVIATION	1.935	0.997	0.736	1.250	0.630	1.179	1.180	1.010	0.739	0.201	0.000	1.059	0.372

Lab Raters (March 11-15, 2024)

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	0.00	0.64	1.18	0.39	-1.22				0.10	0.11
B2-SEQUENCE IIIH PISTON	-0.17	1.90	-1.41	0.95	-0.94				-0.36	0.05
B3-SEQUENCE IIIH PISTON	1.06	0.84	1.74	0.12	-1.05				0.26	0.26
B4-SEQUENCE IIIH PISTON								-1.33		
B5-GMOD PISTON	2.64	1.67	-0.20	1.76	-0.71				0.38	0.18
B6-GMOD PISTON	0.00	-0.87	0.68	1.28	-2.39				0.51	0.60
B7-GMOD PISTON	-0.51	-0.14	-0.42	0.04	-0.57				-3.54	-1.21
B8-GMOD PISTON										
MAXIMUM	2.64	1.90	1.74	1.76	-2.39			-1.33	-3.54	-1.21
MINIMUM	0.00	-0.14	-0.20	0.04	-0.57			-1.33	0.10	0.05
RANGE(MAX-MIN)	2.640	2.040	1.940	1.720	-1.820			0.000	-3.640	-1.260
MEAN	0.503	0.673	0.262	0.757	-1.147			0.000	-0.442	-0.002
STANDARD DEVIATION	1.172	1.055	1.156	0.689	0.652			0.100	1.547	0.623

Lab Raters (March 11-15, 2024)

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	0.35	0.93	-0.23	-0.42	1.28	-0.04	0.41	-0.58		
R1-8-SEQ. VH PISTONS										
S1-8-SEQ. VH PISTONS	-0.19	1.17	-0.46	1.66	0.11	0.36	0.97	-1.18		
VRCBVL-RC BFL VARN L									-1.60	
VRCBVR-RC BFL VARN R									-1.05	
MAXIMUM	0.35	1.17	-0.46	1.66	1.28	0.36	0.97	-1.18	-1.60	
MINIMUM	-0.19	0.93	-0.23	-0.42	0.11	-0.04	0.41	-0.58	-1.05	
RANGE(MAX-MIN)	0.540	0.240	-0.230	2.080	1.170	0.400	0.560	-0.600	-0.550	
MEAN	-0.190	0.930	-0.460	-0.420	0.110	-0.040	0.410	-1.180	-1.600	
STANDARD DEVIATION	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	

Lab Raters (March 11-15, 2024)

Rater= Cales, Jonathon

YI Values

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

PartID	TOTALS	
ISMOP-ISM OIL PAN	0.74	
ISMRC-ISM ROCKER COVER	1.59	
VOP-OIL PAN SLUDGE	-0.83	
VOPB-OIL PAN BFL SLUDGE	-0.76	
VRCBL-RC BFL SLUDGE L	-0.38	
VRCBR-RC BFL SLUDGE R	-0.39	
VRCL-RC SLUDGE L	-0.19	
VRCL-RC SLUDGE R	0.30	
VTCC-TC CVR SLUDGE	0.05	
VVDL-VALVE DECK SLUDGE L	0.62	
VVDR-VALVE DECK SLUDGE R	-0.10	
MAXIMUM	1.59	
MINIMUM	0.05	
RANGE(MAX-MIN)	1.540	
MEAN	0.059	
STANDARD DEVIATION	0.716	

Lab Raters (March 11-15, 2024)

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	0.00	-0.36	1.18	0.97	0.98				0.10	0.11	
B2-SEQUENCE IIIH PISTON	-1.75	0.40	-0.31	0.25	-0.30				0.14	0.15	
B3-SEQUENCE IIIH PISTON	-1.68	1.47	0.74	-1.32	0.08				0.26	0.26	
B4-SEQUENCE IIIH PISTON								0.60			
B5-GMOD PISTON	3.44	4.39	0.80	1.46	0.19				0.38	0.18	
B6-GMOD PISTON											
B7-GMOD PISTON	0.09	0.66	0.48	0.94	0.25				-0.14	0.69	
B8-GMOD PISTON											
MAXIMUM	3.44	4.39	1.18	1.46	0.98			0.60	0.38	0.69	
MINIMUM	0.00	-0.36	-0.31	0.25	0.08			0.60	0.10	0.11	
RANGE(MAX-MIN)	3.440	4.750	1.490	1.210	0.900			0.000	0.280	0.580	
MEAN	0.020	1.312	0.578	0.460	0.240			0.000	0.148	0.278	
STANDARD DEVIATION	2.105	1.841	0.556	1.084	0.466			0.100	0.195	0.237	

Lab Raters (March 11-15, 2024)

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	1.26	-0.24	-0.58	0.05	0.92	0.46	-0.50	0.95		
R1-8-SEQ. VH PISTONS										
S1-8-SEQ. VH PISTONS	0.61	0.27	-1.14	-0.43	0.31	0.06	-0.67	-1.18		
VRCBVL-RC BFL VARN L									-2.02	
VRCBVR-RC BFL VARN R									-0.85	
MAXIMUM	1.26	0.27	-1.14	-0.43	0.92	0.46	-0.67	-1.18	-2.02	
MINIMUM	0.61	-0.24	-0.58	0.05	0.31	0.06	-0.50	0.95	-0.85	
RANGE(MAX-MIN)	0.650	0.510	-0.560	-0.480	0.610	0.400	-0.170	-2.130	-1.170	
MEAN	0.610	-0.240	-1.140	-0.430	0.310	0.060	-0.670	-1.180	-2.020	
STANDARD DEVIATION	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	

Lab Raters (March 11-15, 2024)

Rater= Caproni, David

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	-0.63	
VOPB-OIL PAN BFL SLUDGE	-0.72	
VRCBL-RC BFL SLUDGE L	-1.10	
VRCBR-RC BFL SLUDGE R	-0.11	
VRCL-RC SLUDGE L	0.45	
VRCL-RC SLUDGE R	-0.18	
VTCC-TC CVR SLUDGE	0.17	
VVDL-VALVE DECK SLUDGE L	0.02	
VVDR-VALVE DECK SLUDGE R	0.42	
MAXIMUM	-1.10	
MINIMUM	0.02	
RANGE(MAX-MIN)	-1.120	
MEAN	-0.187	
STANDARD DEVIATION	0.532	

Lab Raters (March 11-15, 2024)

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	0.00	0.24	0.68	1.78	0.03				0.10	0.11
B2-SEQUENCE IIIH PISTON	-0.08	-0.20	-0.11	-0.45	-0.40				0.14	0.15
B3-SEQUENCE IIIH PISTON	-0.05	1.26	0.74	-2.37	0.04				0.26	0.26
B4-SEQUENCE IIIH PISTON								-0.40		
B5-GMOD PISTON	0.64	-0.68	0.40	0.16	0.49				0.38	0.18
B6-GMOD PISTON	0.00	-1.38	-0.32	0.48	-1.56				0.01	0.60
B7-GMOD PISTON	0.09	0.01	-1.32	0.14	0.90				-0.14	0.69
B8-GMOD PISTON								0.19		
MAXIMUM	0.64	-1.38	-1.32	-2.37	-1.56			-0.40	0.38	0.69
MINIMUM	0.00	0.01	-0.11	0.14	0.03			0.19	0.01	0.11
RANGE(MAX-MIN)	0.640	-1.390	-1.210	-2.510	-1.590			-0.590	0.370	0.580
MEAN	0.100	-0.125	0.012	-0.043	-0.083			-0.400	0.125	0.332
STANDARD DEVIATION	0.271	0.890	0.778	1.360	0.849			0.000	0.183	0.249

Lab Raters (March 11-15, 2024)

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							
L1-6-C13 2ND RING CARBON	-1.44	1.73	-0.14	0.22	-0.83	-0.82	
MAXIMUM	-1.44	1.73	-0.14	0.22	-0.83	-0.82	
MINIMUM	-1.44	1.73	-0.14	0.22	-0.83	-0.82	
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 (March 11-15, 2024)

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	1.17	0.59	0.02	0.58	0.65	0.41	0.14	-0.05		
R1-8-SEQ. VH PISTONS										
S1-8-SEQ. VH PISTONS	0.81	0.47	-1.21	-0.88	0.21	0.86	-0.67	-1.68		
VRCBVL-RC BFL VARN L									-0.19	
VRCBVR-RC BFL VARN R									-2.65	
MAXIMUM	1.17	0.59	-1.21	-0.88	0.65	0.86	-0.67	-1.68	-2.65	
MINIMUM	0.81	0.47	0.02	0.58	0.21	0.41	0.14	-0.05	-0.19	
RANGE(MAX-MIN)	0.360	0.120	-1.230	-1.460	0.440	0.450	-0.810	-1.630	-2.460	
MEAN	0.810	0.470	-1.210	-0.880	0.210	0.410	-0.670	-1.680	-2.650	
STANDARD DEVIATION	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	

Lab Raters (March 11-15, 2024)

Rater= Chalkley Jr, Gerald

YI Values

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

PartID	TOTALS	
ISMOP-ISM OIL PAN	0.74	
ISMRC-ISM ROCKER COVER	0.59	
VOP-OIL PAN SLUDGE	-0.51	
VOPB-OIL PAN BFL SLUDGE	-0.28	
VRCBL-RC BFL SLUDGE L	-0.38	
VRCBR-RC BFL SLUDGE R	1.73	
VRCL-RC SLUDGE L	-0.43	
VRCR-RC SLUDGE R	0.34	
VTCC-TC CVR SLUDGE	0.49	
VVDL-VALVE DECK SLUDGE L	-0.34	
VVDR-VALVE DECK SLUDGE R	-0.38	
MAXIMUM	1.73	
MINIMUM	-0.28	
RANGE(MAX-MIN)	2.010	
MEAN	0.143	
STANDARD DEVIATION	0.703	

Lab Raters (March 11-15, 2024)

Rater= Cumberworth, Lee

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	2.00	-0.28	-0.26	-0.52	1.04	1.15	0.82	11.41	0.43	0.00			
A2-KEYSTONE	0.46	-2.00	-0.32	0.86	0.49	-0.10	-1.51	1.70	1.17	0.00			
A3-KEYSTONE	-0.75	0.33	-0.41	-1.55	-1.28	1.17	-2.61	1.97	0.63	-0.25			
A4-KEYSTONE											0.75		
A5-C13-STYLE	0.02	0.59	-1.66		-4.66	-0.47	-0.30	-0.37	1.00	-1.00		-0.34	-0.72
A6-C13-STYLE	-6.80	-0.93	-2.28		-3.47	-2.04	1.25	-2.70	0.00	-0.20		-0.22	-0.64
A7-C13-STYLE	-0.83	-5.49	-0.34		-1.70	-3.20	-1.61	-0.38	14.50	-10.00		-1.97	2.57
A8-C13-STYLE													
MAXIMUM	-6.80	-5.49	-2.28	-1.55	-4.66	-3.20	-2.61	11.41	14.50	-10.00	0.75	-1.97	2.57
MINIMUM	0.02	-0.28	-0.26	-0.52	0.49	-0.10	-0.30	-0.37	0.00	0.00	0.75	-0.22	-0.64
RANGE(MAX-MIN)	-6.820	-5.210	-2.020	-1.030	-5.150	-3.100	-2.310	11.780	14.500	-10.000	0.000	-1.750	3.210
MEAN	-0.983	-1.297	-0.878	-0.403	-1.597	-0.582	-0.660	1.938	0.646	-1.908	0.000	-0.843	0.403
STANDARD DEVIATION	3.030	2.256	0.869	1.209	2.205	1.749	1.510	4.939	0.465	3.981	0.100	0.978	1.877

Lab Raters (March 11-15, 2024)

Rater= Cumberworth, Lee

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	0.00	0.64	-0.92	-1.28	2.69				0.10	0.11
B2-SEQUENCE IIIH PISTON	-0.55	1.00	1.19	-1.15	-0.69				0.14	0.05
B3-SEQUENCE IIIH PISTON	-0.74	-1.40	0.94	3.26	-0.27				0.26	0.26
B4-SEQUENCE IIIH PISTON								-2.00		
B5-GMOD PISTON	-1.86	-0.80	-0.20	-0.24	0.89				0.28	0.18
B6-GMOD PISTON	0.00	-0.38	0.48	-0.12	0.36				0.51	0.60
B7-GMOD PISTON	0.09	0.66	0.58	0.94	0.37				0.66	0.59
B8-GMOD PISTON								-1.16		
MAXIMUM	-1.86	-1.40	1.19	3.26	2.69			-2.00	0.66	0.60
MINIMUM	0.00	-0.38	-0.20	-0.12	-0.27			-1.16	0.10	0.05
RANGE(MAX-MIN)	-1.860	-1.020	1.390	3.380	2.960			-0.840	0.560	0.550
MEAN	-0.510	-0.047	0.345	0.235	0.558			-2.000	0.325	0.298
STANDARD DEVIATION	0.743	0.957	0.780	1.686	1.181			0.000	0.218	0.240

Lab Raters (March 11-15, 2024)

Rater= Cumberworth, Lee

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	-0.36	-0.26	-0.14	-1.41	-0.93	-1.14	
MAXIMUM	-0.36	-0.26	-0.14	-1.41	-0.93	-1.14	
MINIMUM	-0.36	-0.26	-0.14	-1.41	-0.93	-1.14	
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 (March 11-15, 2024)

Rater= Cumberworth, Lee

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	0.90	1.51	-0.08	-0.22	1.01	-0.54	-0.86	-0.05		
R1-8-SEQ. VH PISTONS										
S1-8-SEQ. VH PISTONS	2.61	-0.33	-0.33	-0.61	-0.09	1.46	-1.46	-1.76		
VRCBVL-RC BFL VARN L									-0.82	
VRCBVR-RC BFL VARN R									0.15	
MAXIMUM	2.61	1.51	-0.33	-0.61	1.01	1.46	-1.46	-1.76	-0.82	
MINIMUM	0.90	-0.33	-0.08	-0.22	-0.09	-0.54	-0.86	-0.05	0.15	
RANGE(MAX-MIN)	1.710	1.840	-0.250	-0.390	1.100	2.000	-0.600	-1.710	-0.970	
MEAN	0.900	-0.330	-0.330	-0.610	-0.090	-0.540	-1.460	-1.760	-0.820	
STANDARD DEVIATION	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	

Lab Raters (March 11-15, 2024)

Rater= Cumberworth, Lee

YI Values

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

PartID	TOTALS	
ISMOP-ISM OIL PAN	0.22	
ISMRC-ISM ROCKER COVER	0.03	
VOP-OIL PAN SLUDGE	0.05	
VOPB-OIL PAN BFL SLUDGE	-0.52	
VRCBL-RC BFL SLUDGE L	-1.58	
VRCBR-RC BFL SLUDGE R	0.57	
VRCL-RC SLUDGE L	-0.35	
VRCL-RC SLUDGE R	-0.62	
VTCC-TC CVR SLUDGE	-0.15	
VVDL-VALVE DECK SLUDGE L	-0.82	
VVDR-VALVE DECK SLUDGE R	-0.42	
MAXIMUM	-1.58	
MINIMUM	0.03	
RANGE(MAX-MIN)	-1.610	
MEAN	-0.326	
STANDARD DEVIATION	0.579	

Lab Raters (March 11-15, 2024)

Rater= Garcia, Jessica E.

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	0.00	-1.06	0.68	-1.50	1.13				0.00	0.11
B2-SEQUENCE IIIH PISTON	-0.92	0.10	-0.61	-0.58	-1.08				0.14	0.15
B3-SEQUENCE IIIH PISTON	-0.31	0.49	-0.26	0.45	-0.82				0.26	0.26
B4-SEQUENCE IIIH PISTON								-1.46		
B5-GMOD PISTON	-0.76	1.58	-0.10	-0.84	0.89				0.28	0.18
B6-GMOD PISTON	0.00	-1.14	0.38	-0.32	-1.71				0.01	0.60
B7-GMOD PISTON	0.09	0.71	-1.12	0.34	0.54				-0.64	-0.61
B8-GMOD PISTON								5.24		
MAXIMUM	-0.92	1.58	-1.12	-1.50	-1.71			5.24	-0.64	-0.61
MINIMUM	0.00	0.10	-0.10	-0.32	0.54			-1.46	0.00	0.11
RANGE(MAX-MIN)	-0.920	1.480	-1.020	-1.180	-2.250			6.700	-0.640	-0.720
MEAN	-0.317	0.113	-0.172	-0.408	-0.175			-1.460	0.008	0.115
STANDARD DEVIATION	0.430	1.058	0.653	0.736	1.178			0.000	0.339	0.397

Lab Raters (March 11-15, 2024)

Rater= Garcia, Jessica E.

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	0.25	-5.53	0.06	1.48	-0.19	1.15	-0.98	-1.63	-9.39	0.00				
A2-KEYSTONE	-0.29	0.26	-0.39	1.26	0.50	-0.79	0.15	0.29	-0.39	0.00				
A3-KEYSTONE	-0.50	0.92	-0.38	1.65	2.50	1.11	2.58	-0.28	-0.11	0.75				
A4-KEYSTONE											-0.05			
A5-C13-STYLE	0.25	0.14	-1.52		0.78	-0.16	0.90	-0.28	0.00	0.50		0.13	-0.43	
A6-C13-STYLE	-1.61	1.41	0.09		1.87	0.32	1.49	-2.11	0.00	0.88		-0.22	-0.64	
A7-C13-STYLE	-0.58	0.57	6.09		-0.04	-1.74	-1.16	-0.78	3.18	-10.00		0.34	-0.08	
A8-C13-STYLE											-0.01			
MAXIMUM	-1.61	-5.53	6.09	1.65	2.50	-1.74	2.58	-2.11	-9.39	-10.00	-0.05	0.34	-0.64	
MINIMUM	0.25	0.14	0.06	1.26	-0.04	-0.16	0.15	-0.28	0.00	0.00	-0.01	0.13	-0.08	
RANGE(MAX-MIN)	-1.860	-5.670	6.030	0.390	2.540	-1.580	2.430	-1.830	-9.390	-10.000	-0.040	0.210	-0.560	
MEAN	-0.413	-0.372	0.658	1.463	0.903	-0.018	0.497	-0.798	-1.118	-1.312	-0.050	0.083	-0.383	
STANDARD DEVIATION	0.687	2.569	2.724	0.196	1.072	1.125	1.452	0.909	4.265	4.272	0.000	0.283	0.283	

Lab Raters (March 11-15, 2024)

Rater= Garcia, Jessica E.

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	-0.47	-1.24	0.47	-1.02	-1.35	-0.09	-0.77	-0.37		
R1-8-SEQ. VH PISTONS										
S1-8-SEQ. VH PISTONS	-1.39	0.67	-1.27	-0.25	0.11	-0.64	-0.46	-0.26		
VRCBVL-RC BFL VARN L										
VRCBVR-RC BFL VARN R										
MAXIMUM	-1.39	-1.24	-1.27	-1.02	-1.35	-0.64	-0.77	-0.37		
MINIMUM	-0.47	0.67	0.47	-0.25	0.11	-0.09	-0.46	-0.26		
RANGE(MAX-MIN)	-0.920	-1.910	-1.740	-0.770	-1.460	-0.550	-0.310	-0.110		
MEAN	-1.390	-1.240	-1.270	-1.020	-1.350	-0.640	-0.770	-0.370		
STANDARD DEVIATION	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000		

Lab Raters (March 11-15, 2024)

Rater= Garcia, Jessica E.

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	-0.47	-1.24	0.47	-1.02	-1.35	-0.09	-0.77	-0.37		
R1-8-SEQ. VH PISTONS										
S1-8-SEQ. VH PISTONS	-1.39	0.67	-1.27	-0.25	0.11	-0.64	-0.46	-0.26		
VRCBVL-RC BFL VARN L										
VRCBVR-RC BFL VARN R										
MAXIMUM	-1.39	-1.24	-1.27	-1.02	-1.35	-0.64	-0.77	-0.37		
MINIMUM	-0.47	0.67	0.47	-0.25	0.11	-0.09	-0.46	-0.26		
RANGE(MAX-MIN)	-0.920	-1.910	-1.740	-0.770	-1.460	-0.550	-0.310	-0.110		
MEAN	-1.390	-1.240	-1.270	-1.020	-1.350	-0.640	-0.770	-0.370		
STANDARD DEVIATION	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000		

Lab Raters (March 11-15, 2024)

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	0.25	1.22	-0.12	-1.45	-1.16	1.15	-1.58	-1.63	-0.72	0.00				
A2-KEYSTONE	-0.54	0.69	-0.25	-2.04	-0.09	-1.43	-1.57	-1.58	0.65	0.00				
A3-KEYSTONE	0.75	-0.26	-0.20	-1.85	-1.12	0.68	0.89	-1.40	0.93	-0.25				
A4-KEYSTONE											-0.65			
A5-C13-STYLE	0.25	-0.68	-0.17		0.18	1.03	-0.64	1.55	-1.00	0.00		-1.06	0.43	
A6-C13-STYLE	1.48	-0.16	-0.69		-0.35	0.01	0.11	1.32	0.00	-0.20		-0.22	-1.18	
A7-C13-STYLE	0.35	1.72	-0.80		0.22	-0.12	-0.30	1.35	0.35	0.00		-0.09	-1.41	
A8-C13-STYLE											-3.01			
MAXIMUM	1.48	1.72	-0.80	-2.04	-1.16	-1.43	-1.58	-1.63	-1.00	-0.25	-3.01	-1.06	-1.41	
MINIMUM	0.25	-0.16	-0.12	-1.45	-0.09	0.01	0.11	1.32	0.00	0.00	-0.65	-0.09	0.43	
RANGE(MAX-MIN)	1.230	1.880	-0.680	-0.590	-1.070	-1.440	-1.690	-2.950	-1.000	-0.250	-2.360	-0.970	-1.840	
MEAN	0.423	0.422	-0.372	-1.780	-0.387	0.220	-0.515	-0.065	0.035	-0.075	-3.010	-0.457	-0.720	
STANDARD DEVIATION	0.666	0.939	0.294	0.301	0.619	0.961	0.967	1.616	0.764	0.117	0.000	0.527	1.003	

Lab Raters (March 11-15, 2024)

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	0.00	1.84	0.88	1.70	2.09				0.10	0.11
B2-SEQUENCE IIIH PISTON	-0.92	0.10	1.79	2.47	-1.16				0.14	0.15
B3-SEQUENCE IIIH PISTON	-0.74	-0.56	1.94	-0.32	-0.03				0.26	0.26
B4-SEQUENCE IIIH PISTON								1.06		
B5-GMOD PISTON	0.34	1.79	0.80	0.76	1.09				0.38	0.18
B6-GMOD PISTON	0.00	1.07	0.68	1.18	2.14				1.01	0.30
B7-GMOD PISTON	0.09	1.70	1.68	0.14	0.78				0.66	0.59
B8-GMOD PISTON								0.33		
MAXIMUM	-0.92	1.84	1.94	2.47	2.14			1.06	1.01	0.59
MINIMUM	0.00	0.10	0.68	0.14	-0.03			0.33	0.10	0.11
RANGE(MAX-MIN)	-0.920	1.740	1.260	2.330	2.170			0.730	0.910	0.480
MEAN	-0.205	0.990	1.295	0.988	0.818			0.330	0.425	0.265
STANDARD DEVIATION	0.503	1.007	0.567	1.022	1.271			0.000	0.350	0.174

Lab Raters (March 11-15, 2024)

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	0.08	-0.25	1.93	2.87	9.96	4.21	
K1-6-C13 2ND RING CARBON							
L1-6-C13 2ND RING CARBON							
MAXIMUM	0.08	-0.25	1.93	2.87	9.96	4.21	
MINIMUM	0.08	-0.25	1.93	2.87	9.96	4.21	
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 (March 11-15, 2024)

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										
R1-8-SEQ. VH PISTONS	-0.34	-0.79	-0.87	-0.97	-1.25	-0.23	0.32	-0.12		
S1-8-SEQ. VH PISTONS	0.71	0.57	-0.58	1.21	-0.99	0.06	-0.60	-0.51		
VRCBVL-RC BFL VARN L									0.45	
VRCBVR-RC BFL VARN R									0.65	
MAXIMUM	0.71	-0.79	-0.87	1.21	-1.25	-0.23	-0.60	-0.51	0.65	
MINIMUM	-0.34	0.57	-0.58	-0.97	-0.99	0.06	0.32	-0.12	0.45	
RANGE(MAX-MIN)	1.050	-1.360	-0.290	2.180	-0.260	-0.290	-0.920	-0.390	0.200	
MEAN	-0.340	-0.790	-0.870	-0.970	-1.250	-0.230	-0.600	-0.510	0.450	
STANDARD DEVIATION	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	

Lab Raters (March 11-15, 2024)

Rater= Lonsway, Chris

YI Values

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

PartID	TOTALS	
ISMOP-ISM OIL PAN	0.74	
ISMRC-ISM ROCKER COVER	1.59	
VOP-OIL PAN SLUDGE	-0.31	
VOPB-OIL PAN BFL SLUDGE	-0.56	
VRCBL-RC BFL SLUDGE L	-1.58	
VRCBR-RC BFL SLUDGE R	-1.39	
VRCL-RC SLUDGE L	0.17	
VRCL-RC SLUDGE R	0.06	
VTCC-TC CVR SLUDGE	-0.99	
VVDL-VALVE DECK SLUDGE L	-0.34	
VVDR-VALVE DECK SLUDGE R	-0.26	
MAXIMUM	1.59	
MINIMUM	0.06	
RANGE(MAX-MIN)	1.530	
MEAN	-0.261	
STANDARD DEVIATION	0.914	

Lab Raters (March 11-15, 2024)

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	1.00	-1.03	0.42	1.55	-0.14	-0.27	1.02	-0.33	-0.72	0.00				
A2-KEYSTONE	-0.43	0.53	0.31	0.86	0.70	-0.40	1.65	-0.95	-0.91	0.00				
A3-KEYSTONE	-1.00	-0.85	0.82	1.55	0.21	1.42	0.33	-0.84	-0.86	-0.25				
A4-KEYSTONE											0.85			
A5-C13-STYLE	1.31	-1.28	-0.92		-0.25	0.36	0.36	0.94	-0.90	0.50		0.84	-0.47	
A6-C13-STYLE	0.88	0.32	0.09		-1.29	-0.87	1.10	0.56	0.50	-0.20		-0.22	-0.80	
A7-C13-STYLE	-0.14	-0.30	0.49		-0.16	0.06	0.35	-0.19	1.20	0.00		-0.09	1.02	
A8-C13-STYLE											1.39			
MAXIMUM	1.31	-1.28	-0.92	1.55	-1.29	1.42	1.65	-0.95	1.20	0.50	1.39	0.84	1.02	
MINIMUM	-0.14	-0.30	0.09	0.86	-0.14	0.06	0.33	-0.19	0.50	0.00	0.85	-0.09	-0.47	
RANGE(MAX-MIN)	1.450	-0.980	-1.010	0.690	-1.150	1.360	1.320	-0.760	0.700	0.500	0.540	0.930	1.490	
MEAN	0.270	-0.435	0.202	1.320	-0.155	0.050	0.802	-0.135	-0.282	0.008	0.850	0.177	-0.083	
STANDARD DEVIATION	0.923	0.743	0.599	0.398	0.658	0.790	0.544	0.754	0.907	0.265	0.000	0.578	0.970	

Lab Raters (March 11-15, 2024)

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	0.00	-0.16	0.28	-0.41	-0.72				0.10	-0.49
B2-SEQUENCE IIIH PISTON	0.85	0.20	0.29	0.69	0.00				0.04	0.05
B3-SEQUENCE IIIH PISTON	0.12	0.28	-0.16	1.61	-0.90				0.26	0.26
B4-SEQUENCE IIIH PISTON								0.40		
B5-GMOD PISTON	-0.16	0.06	0.10	-0.64	0.49				0.28	-0.02
B6-GMOD PISTON	0.00	-0.91	-0.12	-0.72	-0.54				0.01	0.40
B7-GMOD PISTON	0.09	0.01	0.18	0.04	0.43				0.36	0.49
B8-GMOD PISTON								0.47		
MAXIMUM	0.85	-0.91	0.29	1.61	-0.90			0.47	0.36	-0.49
MINIMUM	0.00	0.01	0.10	0.04	0.00			0.40	0.01	-0.02
RANGE(MAX-MIN)	0.850	-0.920	0.190	1.570	-0.900			0.070	0.350	-0.470
MEAN	0.150	-0.087	0.095	0.095	-0.207			0.400	0.175	0.115
STANDARD DEVIATION	0.357	0.431	0.195	0.907	0.598			0.000	0.144	0.355

Lab Raters (March 11-15, 2024)

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	-0.75	
VOPB-OIL PAN BFL SLUDGE	0.36	
VRCBL-RC BFL SLUDGE L	-0.02	
VRCBR-RC BFL SLUDGE R	-0.43	
VRCL-RC SLUDGE L	0.25	
VRCL-RC SLUDGE R	0.22	
VTCC-TC CVR SLUDGE	0.93	
VVDL-VALVE DECK SLUDGE L	0.18	
VVDR-VALVE DECK SLUDGE R	0.42	
MAXIMUM	0.93	
MINIMUM	-0.02	
RANGE(MAX-MIN)	0.950	
MEAN	0.129	
STANDARD DEVIATION	0.489	

Lab Raters (March 11-15, 2024)

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	0.00	1.04	0.68	0.83	0.48				0.10	0.11
B2-SEQUENCE IIIH PISTON	0.85	-0.70	-0.31	-1.47	0.58				0.14	0.15
B3-SEQUENCE IIIH PISTON	-0.65	-0.56	-0.06	-0.38	-1.17				0.26	0.26
B4-SEQUENCE IIIH PISTON								-0.13		
B5-GMOD PISTON	-1.66	-0.80	-0.20	0.56	0.19				0.38	0.18
B6-GMOD PISTON	0.00	-0.85	0.68	0.38	-3.90				0.81	0.60
B7-GMOD PISTON	-0.61	0.95	1.08	-0.76	1.19				-0.24	-0.61
B8-GMOD PISTON								1.89		
MAXIMUM	-1.66	1.04	1.08	-1.47	-3.90			1.89	0.81	-0.61
MINIMUM	0.00	-0.56	-0.06	-0.38	0.19			-0.13	0.10	0.11
RANGE(MAX-MIN)	-1.660	1.600	1.140	-1.090	-4.090			2.020	0.710	-0.720
MEAN	-0.345	-0.153	0.312	-0.140	-0.438			-0.130	0.242	0.115
STANDARD DEVIATION	0.844	0.895	0.574	0.885	1.868			0.000	0.348	0.397

Lab Raters (March 11-15, 2024)

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	0.26	1.09	1.27	0.65	0.01	0.51	-0.14	-0.05		
R1-8-SEQ. VH PISTONS										
S1-8-SEQ. VH PISTONS	0.61	0.57	-0.02	0.21	0.11	0.86	0.33	0.82		
VRCBVL-RC BFL VARN L									0.17	
VRCBVR-RC BFL VARN R									0.15	
MAXIMUM	0.61	1.09	1.27	0.65	0.11	0.86	0.33	0.82	0.17	
MINIMUM	0.26	0.57	-0.02	0.21	0.01	0.51	-0.14	-0.05	0.15	
RANGE(MAX-MIN)	0.350	0.520	1.290	0.440	0.100	0.350	0.470	0.870	0.020	
MEAN	0.260	0.570	-0.020	0.210	0.010	0.510	-0.140	-0.050	0.150	
STANDARD DEVIATION	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	

Lab Raters (March 11-15, 2024)

Rater= Rodriguez, Jesus (Jesse)

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	0.65	
VOPB-OIL PAN BFL SLUDGE	-0.12	
VRCBL-RC BFL SLUDGE L	0.42	
VRCBR-RC BFL SLUDGE R	0.41	
VRCL-RC SLUDGE L	-0.47	
VRCL-RC SLUDGE R	-0.22	
VTCC-TC CVR SLUDGE	-0.23	
VVDL-VALVE DECK SLUDGE L	-0.02	
VVDR-VALVE DECK SLUDGE R	-0.02	
MAXIMUM	0.65	
MINIMUM	-0.02	
RANGE(MAX-MIN)	0.670	
MEAN	0.044	
STANDARD DEVIATION	0.369	

Lab Raters (March 11-15, 2024)

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	0.00	0.47	0.14	1.73	0.07	1.86	1.56	0.54	-0.14	0.00			
A2-KEYSTONE	-1.54	-1.84	0.18	1.46	0.57	1.06	1.82	-0.18	-0.91	0.00			
A3-KEYSTONE	0.00	-1.14	0.01	0.65	-0.12	-1.64	0.39	0.84	-1.45	0.75			
A4-KEYSTONE											0.95		
A5-C13-STYLE	-0.36	-0.99	1.54		0.76	0.35	1.11	-0.81	-1.00	0.50		-1.63	-1.30
A6-C13-STYLE	-0.81	-0.99	0.90		-1.47	-0.21	-0.77	-0.76	-20.00	-0.74		-0.22	-1.45
A7-C13-STYLE	0.15	-2.36	-1.06		0.44	0.07	-1.16	-1.32	-5.30	10.00		0.21	-0.42
A8-C13-STYLE											-0.01		
MAXIMUM	-1.54	-2.36	1.54	1.73	-1.47	1.86	1.82	-1.32	-20.00	10.00	0.95	-1.63	-1.45
MINIMUM	0.00	0.47	0.01	0.65	0.07	0.07	0.39	-0.18	-0.14	0.00	-0.01	0.21	-0.42
RANGE(MAX-MIN)	-1.540	-2.830	1.530	1.080	-1.540	1.790	1.430	-1.140	-19.860	10.000	0.960	-1.840	-1.030
MEAN	-0.427	-1.142	0.285	1.280	0.042	0.248	0.492	-0.282	-4.800	0.102	-0.010	-0.547	-1.057
STANDARD DEVIATION	0.646	0.961	0.880	0.562	0.808	1.189	1.234	0.840	7.666	0.572	0.000	0.963	0.556

Lab Raters (March 11-15, 2024)

Demerit Piston Deposits

Rater	Parts Rated	-1<yi<=1	-2<yi<=2	-3<yi<=3	>3	Yi STD	Group	Group Color
Aguirre, Nancy P	8	87.7%	98.5%	100.0%	0.0%	0.59	BLUE	
Barrera, Tony	8	67.7%	98.5%	100.0%	0.0%	0.97	WHITE	
DeCapite, Vanessa	8	78.5%	100.0%	100.0%	0.0%	0.70	WHITE	
Dominguez, Lucio	8	84.6%	100.0%	100.0%	0.0%	0.71	RED	
Kobrinetz, Joaquin J.	8	72.3%	93.9%	98.5%	1.5%	0.94	WHITE	
Ragsdale, Kirt	8	66.2%	95.4%	100.0%	0.0%	0.93	WHITE	
Sanchez, Christopher	8	84.6%	100.0%	100.0%	0.0%	0.69	RED	
Trevino, Robert	8	90.8%	100.0%	100.0%	0.0%	0.54	BLUE	
Andiloro, Marcello	8	64.6%	96.9%	100.0%	0.0%	1.01	WHITE	
Austin, Philip	8	60.0%	96.9%	98.5%	1.5%	1.16	WHITE	
Burk, Stephen	8	61.5%	96.9%	98.5%	1.5%	1.00	WHITE	
Cales, Jonathon	8	66.2%	90.8%	98.5%	1.5%	1.16	WHITE	
Chalkley Jr, Gerald	8	67.7%	96.9%	100.0%	0.0%	0.92	WHITE	
Cumberworth, Lee	7	54.7%	79.7%	87.5%	12.5%	2.09	YELLOW	
Garcia, Jessica E.	8	67.7%	87.7%	92.3%	7.7%	2.24	YELLOW	
Lonsway, Chris	8	64.6%	96.9%	98.5%	1.5%	0.98	WHITE	
Moore, Sean	8	80.0%	100.0%	100.0%	0.0%	0.78	RED	
Rodriguez, Jesus (Jesse)	8	63.1%	93.9%	95.4%	4.6%	3.02	YELLOW	

Group Criteria

	Minimum Number of Parts Rated	Minimum Yi's Within 1 STD of mean	Minimum Yi's Within 2 STD of mean	Maximum Overall Yi STD	Group Totals	
White	6	60%	90%	1.20	10	56%
Red	6	80%	95%	0.85	3	17%
Blue	6	85%	98%	0.75	2	11%
Yellow	-	-	-	-	3	17%

Lab Raters (March 11-15, 2024)

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	8	88.6%	100.0%	100.0%	0.0%	0.58	BLUE	
Barrera, Tony	8	77.3%	97.7%	100.0%	0.0%	0.80	WHITE	
DeCapite, Vanessa	8	86.4%	100.0%	100.0%	0.0%	0.64	BLUE	
Dominguez, Lucio	8	84.1%	100.0%	100.0%	0.0%	0.63	RED	
Kobrinetz, Joaquin J.	8	81.8%	100.0%	100.0%	0.0%	0.62	RED	
Ragsdale, Kirt	8	75.0%	100.0%	100.0%	0.0%	0.90	WHITE	
Sanchez, Christopher	8	88.6%	100.0%	100.0%	0.0%	0.53	BLUE	
Trevino, Robert	8	100.0%	100.0%	100.0%	0.0%	0.40	BLUE	
Allen, Duane	8	63.6%	100.0%	100.0%	0.0%	0.90	WHITE	
Andiloro, Marcello	8	79.6%	97.7%	100.0%	0.0%	0.75	WHITE	
Austin, Philip	8	61.4%	97.7%	100.0%	0.0%	1.00	WHITE	
Burk, Stephen	8	79.6%	95.5%	97.7%	2.3%	0.86	WHITE	
Cales, Jonathon	7	65.1%	93.0%	97.7%	2.3%	1.16	WHITE	
Caproni, David	6	77.8%	94.4%	94.4%	5.6%	0.91	WHITE	
Chalkley Jr, Gerald	8	86.4%	97.7%	100.0%	0.0%	0.71	RED	
Cumberworth, Lee	8	79.6%	95.5%	97.7%	2.3%	1.00	WHITE	
Garcia, Jessica E.	8	77.3%	97.7%	97.7%	2.3%	0.74	WHITE	
Lonsway, Chris	8	63.6%	93.2%	100.0%	0.0%	0.86	WHITE	
Moore, Sean	8	97.7%	100.0%	100.0%	0.0%	0.47	BLUE	
Rodriguez, Jesus (Jesse)	8	81.8%	97.7%	97.7%	2.3%	0.95	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	12	60%
Red	6	80%	95%	0.85	3	15%
Blue	6	85%	98%	0.75	5	25%
Yellow	-	-	-	-	0	0%

Lab Raters (March 11-15, 2024)

C13 Ring Carbon

Rater	Parts Rated	-1<yi<=1	-2<yi<=2	-3<yi<=3	>3	Yi STD	Group	Group Color
Barrera, Tony	18	77.8%	100.0%	100.0%	0.0%	0.76	WHITE	
DeCapite, Vanessa	18	61.1%	100.0%	100.0%	0.0%	1.10	WHITE	
Dominguez, Lucio	18	77.8%	100.0%	100.0%	0.0%	0.79	WHITE	
Kobrinetz, Joaquin J.	18	72.2%	100.0%	100.0%	0.0%	0.90	WHITE	
Ragsdale, Kirt	18	88.9%	100.0%	100.0%	0.0%	0.58	BLUE	
Sanchez, Christopher	18	72.2%	100.0%	100.0%	0.0%	0.84	WHITE	
Trevino, Robert	18	83.3%	100.0%	100.0%	0.0%	0.72	RED	
Allen, Duane	6	16.7%	33.3%	83.3%	16.7%	2.34	YELLOW	
Austin, Philip	18	61.1%	94.4%	100.0%	0.0%	1.10	WHITE	
Chalkley Jr, Gerald	6	66.7%	100.0%	100.0%	0.0%	1.12	WHITE	
Cumberworth, Lee	6	66.7%	100.0%	100.0%	0.0%	0.52	WHITE	
Lonsway, Chris	6	33.3%	50.0%	66.7%	33.3%	3.74	YELLOW	

Group Criteria

	Minimum Number of Parts Rated	Minimum Yi's Within 1 STD of mean	Minimum Yi's Within 2 STD of mean	Maximum Overall Yi STD	Group Totals	
White	6	60%	90%	1.20	8	67%
Red	6	80%	95%	0.85	1	8%
Blue	6	85%	98%	0.75	1	8%
Yellow	-	-	-	-	2	17%

Lab Raters (March 11-15, 2024)

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	96.2%	100.0%	100.0%	0.0%	0.33	BLUE	
Barrera, Tony	26	61.5%	100.0%	100.0%	0.0%	0.97	WHITE	
DeCapite, Vanessa	26	76.9%	100.0%	100.0%	0.0%	0.70	WHITE	
Dominguez, Lucio	26	96.2%	100.0%	100.0%	0.0%	0.52	BLUE	
Kobrinetz, Joaquin J.	10	100.0%	100.0%	100.0%	0.0%	0.66	BLUE	
Ragsdale, Kirt	26	76.9%	100.0%	100.0%	0.0%	0.77	WHITE	
Sanchez, Christopher	26	80.8%	100.0%	100.0%	0.0%	0.66	RED	
Trevino, Robert	26	84.6%	100.0%	100.0%	0.0%	0.59	RED	
Allen, Duane	18	61.1%	94.4%	100.0%	0.0%	1.19	WHITE	
Andiloro, Marcello	2	0.0%	0.0%	50.0%	50.0%	0.00	N/A	
Austin, Philip	26	69.2%	100.0%	100.0%	0.0%	0.95	WHITE	
Burk, Stephen	2	0.0%	0.0%	0.0%	100.0%	0.00	N/A	
Cales, Jonathon	18	66.7%	100.0%	100.0%	0.0%	0.90	WHITE	
Caproni, David	18	77.8%	94.4%	100.0%	0.0%	0.86	WHITE	
Chalkley Jr, Gerald	18	77.8%	94.4%	100.0%	0.0%	0.99	WHITE	
Cumberworth, Lee	18	66.7%	94.4%	100.0%	0.0%	1.10	WHITE	
Garcia, Jessica E.	16	68.8%	100.0%	100.0%	0.0%	0.63	WHITE	
Lonsway, Chris	18	88.9%	100.0%	100.0%	0.0%	0.71	BLUE	
Moore, Sean	2	0.0%	0.0%	50.0%	50.0%	0.00	N/A	
Rodriguez, Jesus (Jesse)	18	88.9%	100.0%	100.0%	0.0%	0.41	BLUE	

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	10	59%
Red	6	80%	95%	0.85	2	12%
Blue	6	85%	98%	0.75	5	29%
Yellow	-	-	-	-	0	0%

Lab Raters (March 11-15, 2024)

Sludge Deposits

Rater	Parts Rated	-1<yi<=1	-2<yi<=2	-3<yi<=3	>3	Yi STD	Group	Group Color
Aguirre, Nancy P	11	90.9%	100.0%	100.0%	0.0%	0.64	BLUE	
Barrera, Tony	11	100.0%	100.0%	100.0%	0.0%	0.39	BLUE	
DeCapite, Vanessa	11	100.0%	100.0%	100.0%	0.0%	0.46	BLUE	
Dominguez, Lucio	11	100.0%	100.0%	100.0%	0.0%	0.34	BLUE	
Kobrinetz, Joaquin J.	11	100.0%	100.0%	100.0%	0.0%	0.35	BLUE	
Ragsdale, Kirt	11	100.0%	100.0%	100.0%	0.0%	0.38	BLUE	
Sanchez, Christopher	11	100.0%	100.0%	100.0%	0.0%	0.15	BLUE	
Trevino, Robert	11	100.0%	100.0%	100.0%	0.0%	0.25	BLUE	
Allen, Duane	11	90.9%	100.0%	100.0%	0.0%	0.73	BLUE	
Andiloro, Marcello	9	66.7%	100.0%	100.0%	0.0%	0.81	WHITE	
Austin, Philip	11	72.7%	100.0%	100.0%	0.0%	0.69	WHITE	
Burk, Stephen	9	77.8%	100.0%	100.0%	0.0%	0.70	WHITE	
Cales, Jonathon	11	90.9%	100.0%	100.0%	0.0%	0.72	BLUE	
Caproni, David	9	88.9%	100.0%	100.0%	0.0%	0.53	BLUE	
Chalkley Jr, Gerald	11	90.9%	100.0%	100.0%	0.0%	0.70	BLUE	
Cumberworth, Lee	11	90.9%	100.0%	100.0%	0.0%	0.58	BLUE	
Lonsway, Chris	11	72.7%	100.0%	100.0%	0.0%	0.91	WHITE	
Moore, Sean	9	100.0%	100.0%	100.0%	0.0%	0.49	BLUE	
Rodriguez, Jesus (Jesse)	9	100.0%	100.0%	100.0%	0.0%	0.37	BLUE	

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	0	0%
Blue	6	85%	98%	0.75	15	79%
Yellow	-	-	-	-	0	0%