TEST MONITORING CENTER
POWERED BY ASTM INTERNATIONAL

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October 26, 2026

To Participants of the ASTM International 2026 Standardized Testing Rating Workshop:

A copy of all data generated is 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.

One final thank you again to Southwest Research Institute for hosting this workshop.

Sincerely,

Sean Moyer
Manager, Engineering Services
ASTM Test Monitoring Center

Heavy Duty Rating Workshop
September 28th – October 2, 2026
San Antonio, Texas

The ASTM Standardized Testing Deposit Rating Workshop was conducted in San Antonio, TX, in two sessions, from September 28th to October 2nd 2026. 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

No new items.

Summary of Review and Discussion Sessions

It was pointed out that the C13 piston rating locations had been changed in the last workshop to only the top groove and top land and that anything not called carbon would be rated as it seen.

Data review and discussion sessions occurred on Monday, Tuesday and Friday. The session A final data review occurred on Tuesday afternoon and the session B final data review occurred on Friday right before lunch.

Ongoing Items

Future Workshops

The next standardized testing rating workshop will be scheduled for the fall of 2027.

Lab Raters (September 28 - October 2, 2026)

Demerit Piston Deposits

Rater	Parts Rated	-1<yi<=1	-2<yi<=2	-3<yi<=3	>3	Yi STD	Group	Group Color
Barrera, Tony	7	64.9%	97.3%	100.0%	0.0%	0.96	WHITE	
Chalkley, Gerald	7	75.7%	100.0%	100.0%	0.0%	0.83	WHITE	
DeCapite, Vanessa	7	78.4%	94.6%	97.3%	2.7%	0.85	WHITE	
Dominguez, Lucio	7	86.5%	100.0%	100.0%	0.0%	0.55	BLUE	
Lonsway, Chris	7	83.8%	100.0%	100.0%	0.0%	0.73	RED	
Ragsdale, Kirt	7	64.9%	97.3%	100.0%	0.0%	0.74	WHITE	
Sanchez, Christopher	7	81.1%	97.3%	100.0%	0.0%	0.80	RED	
Allen ,Duane	7	78.4%	91.9%	94.6%	5.4%	1.08	WHITE	
Austin, Philip	7	83.8%	100.0%	100.0%	0.0%	0.71	RED	
Beard, Joe	7	59.5%	73.0%	83.8%	16.2%	2.64	YELLOW	
Blackwell,Kreed	7	35.1%	51.4%	67.6%	32.4%	6.30	YELLOW	
Cales, Jonathon	7	64.9%	100.0%	100.0%	0.0%	0.86	WHITE	
Cervantes,Jonathan	7	56.8%	81.1%	91.9%	8.1%	2.14	YELLOW	
Cumberworth, Lee	7	62.2%	100.0%	100.0%	0.0%	0.91	WHITE	
Garcia, Jessica	7	73.0%	97.3%	97.3%	2.7%	0.87	WHITE	
McKenzie, Andrew	7	70.3%	97.3%	97.3%	2.7%	0.85	WHITE	
Rodriguez, Jesus (Jesse)	7	37.8%	64.9%	75.7%	24.3%	4.10	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	9	53%
Red	6	80%	95%	0.85	3	18%
Blue	6	85%	98%	0.75	1	6%
Yellow	-	-	-	-	4	24%

Lab Raters (September 28 - October 2, 2026)

Light Duty Piston Deposits

Rater	Parts Rated	-1<yi<=1	-2<yi<=2	-3<yi<=3	>3	Yi STD	Group	Group Color
Barrera, Tony	8	77.3%	95.5%	100.0%	0.0%	0.84	WHITE	
Chalkley, Gerald	8	93.2%	100.0%	100.0%	0.0%	0.54	BLUE	
DeCapite, Vanessa	8	90.9%	97.7%	100.0%	0.0%	0.65	RED	
Dominguez, Lucio	8	93.2%	100.0%	100.0%	0.0%	0.56	BLUE	
Lonsway, Chris	8	81.8%	100.0%	100.0%	0.0%	0.71	RED	
Ragsdale, Kirt	8	79.6%	97.7%	100.0%	0.0%	0.87	WHITE	
Sanchez, Christopher	8	86.4%	100.0%	100.0%	0.0%	0.62	BLUE	
Allen ,Duane	8	81.8%	100.0%	100.0%	0.0%	0.72	RED	
Austin, Philip	8	77.3%	95.5%	97.7%	2.3%	0.99	WHITE	
Beard, Joe	8	81.8%	97.7%	100.0%	0.0%	0.74	RED	
Blackwell,Kreed	8	75.0%	95.5%	97.7%	2.3%	1.09	WHITE	
Cales, Jonathon	8	84.1%	97.7%	100.0%	0.0%	0.81	RED	
Cervantes,Jonathan	8	72.7%	95.5%	100.0%	0.0%	0.92	WHITE	
Cumberworth, Lee	8	88.6%	100.0%	100.0%	0.0%	0.61	BLUE	
Garcia, Jessica	8	88.6%	100.0%	100.0%	0.0%	0.64	BLUE	
McKenzie, Andrew	8	72.7%	90.9%	97.7%	2.3%	0.93	WHITE	
Rodriguez, Jesus (Jesse)	8	86.4%	100.0%	100.0%	0.0%	0.69	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	6	35%
Red	6	80%	95%	0.85	5	29%
Blue	6	85%	98%	0.75	6	35%
Yellow	-	-	-	-	0	0%

Lab Raters (September 28 - October 2, 2026)

C13 Ring Carbon

Rater	Parts Rated	-1<yi<=1	-2<yi<=2	-3<yi<=3	>3	Yi STD	Group	Group Color
Barrera, Tony	18	50.0%	100.0%	100.0%	0.0%	1.09	YELLOW	
Chalkley, Gerald	18	72.2%	100.0%	100.0%	0.0%	0.85	WHITE	
DeCapite, Vanessa	18	88.9%	100.0%	100.0%	0.0%	0.73	BLUE	
Dominguez, Lucio	18	83.3%	100.0%	100.0%	0.0%	0.59	RED	
Lonsway, Chris	18	16.7%	94.4%	100.0%	0.0%	0.41	YELLOW	
Ragsdale, Kirt	18	83.3%	100.0%	100.0%	0.0%	0.35	RED	
Sanchez, Christopher	18	77.8%	100.0%	100.0%	0.0%	0.73	WHITE	
Allen ,Duane	18	44.4%	72.2%	88.9%	11.1%	2.11	YELLOW	
Austin, Philip	18	77.8%	100.0%	100.0%	0.0%	0.81	WHITE	
Beard, Joe	12	75.0%	100.0%	100.0%	0.0%	0.77	WHITE	
Blackwell,Kreed	18	72.2%	100.0%	100.0%	0.0%	0.97	WHITE	
Cervantes,Jonathan	18	33.3%	83.3%	94.4%	5.6%	1.34	YELLOW	
Cumberworth, Lee	18	88.9%	100.0%	100.0%	0.0%	0.58	BLUE	
Garcia, Jessica	18	77.8%	94.4%	100.0%	0.0%	0.83	WHITE	

Group Criteria

	Minimum Number of Parts Rated	Minimum Yi's Within 1 STD of mean	Minimum Yi's Within 2 STD of mean	Maximum Overall Yi STD	Group Totals	
White	6	60%	90%	1.20	6	43%
Red	6	80%	95%	0.85	2	14%
Blue	6	85%	98%	0.75	2	14%
Yellow	-	-	-	-	4	29%

Lab Raters (September 28 - October 2, 2026)

Sequence V Varnish

Rater	Parts Rated	-1<yi<=1	-2<yi<=2	-3<yi<=3	>3	Yi STD	Group	Group Color
Barrera, Tony	26	73.1%	100.0%	100.0%	0.0%	0.46	WHITE	
Chalkley, Gerald	26	96.2%	100.0%	100.0%	0.0%	0.42	BLUE	
DeCapite, Vanessa	26	100.0%	100.0%	100.0%	0.0%	0.31	BLUE	
Dominguez, Lucio	26	100.0%	100.0%	100.0%	0.0%	0.31	BLUE	
Lonsway, Chris	26	88.5%	100.0%	100.0%	0.0%	0.59	BLUE	
Ragsdale, Kirt	26	88.5%	100.0%	100.0%	0.0%	0.58	BLUE	
Sanchez, Christopher	26	100.0%	100.0%	100.0%	0.0%	0.45	BLUE	
Allen ,Duane	18	83.3%	100.0%	100.0%	0.0%	0.71	RED	
Austin, Philip	26	84.6%	96.2%	96.2%	3.9%	0.79	RED	
Beard, Joe	18	94.4%	100.0%	100.0%	0.0%	0.48	BLUE	
Blackwell,Kreed	18	66.7%	100.0%	100.0%	0.0%	0.78	WHITE	
Cales, Jonathon	18	100.0%	100.0%	100.0%	0.0%	0.49	BLUE	
Cervantes,Jonathan	18	66.7%	100.0%	100.0%	0.0%	0.41	WHITE	
Cumberworth, Lee	18	88.9%	100.0%	100.0%	0.0%	0.68	BLUE	
Garcia, Jessica	18	88.9%	100.0%	100.0%	0.0%	0.63	BLUE	
McKenzie, Andrew	18	88.9%	100.0%	100.0%	0.0%	0.45	BLUE	
Rodriguez, Jesus (Jesse)	18	77.8%	100.0%	100.0%	0.0%	0.76	WHITE	

Group Criteria

	Minimum Number of Parts Rated	Minimum Yi's Within 1 STD of mean	Minimum Yi's Within 2 STD of mean	Maximum Overall Yi STD	Group Totals	
White	6	60%	90%	1.20	4	24%
Red	6	80%	95%	0.85	2	12%
Blue	6	85%	98%	0.75	11	65%
Yellow	-	-	-	-	0	0%

Lab Raters (September 28 - October 2, 2026)

Sludge Deposits

Rater	Parts Rated	-1<yi<=1	-2<yi<=2	-3<yi<=3	>3	Yi STD	Group	Group Color
Barrera, Tony	11	27.3%	100.0%	100.0%	0.0%	1.01	YELLOW	
Chalkley, Gerald	11	100.0%	100.0%	100.0%	0.0%	0.24	BLUE	
DeCapite, Vanessa	11	100.0%	100.0%	100.0%	0.0%	0.34	BLUE	
Dominguez, Lucio	11	100.0%	100.0%	100.0%	0.0%	0.25	BLUE	
Lonsway, Chris	11	81.8%	100.0%	100.0%	0.0%	0.62	RED	
Ragsdale, Kirt	11	100.0%	100.0%	100.0%	0.0%	0.31	BLUE	
Sanchez, Christopher	11	100.0%	100.0%	100.0%	0.0%	0.19	BLUE	
Allen ,Duane	11	90.9%	100.0%	100.0%	0.0%	0.59	BLUE	
Austin, Philip	11	81.8%	100.0%	100.0%	0.0%	0.46	RED	
Beard, Joe	11	81.8%	100.0%	100.0%	0.0%	0.57	RED	
Blackwell,Kreed	9	88.9%	100.0%	100.0%	0.0%	0.65	BLUE	
Cales, Jonathon	11	90.9%	100.0%	100.0%	0.0%	0.68	BLUE	
Cervantes,Jonathan	9	88.9%	100.0%	100.0%	0.0%	0.67	BLUE	
Cumberworth, Lee	11	100.0%	100.0%	100.0%	0.0%	0.44	BLUE	
Garcia, Jessica	9	100.0%	100.0%	100.0%	0.0%	0.24	BLUE	
McKenzie, Andrew	11	90.9%	90.9%	100.0%	0.0%	0.26	WHITE	
Rodriguez, Jesus (Jesse)	11	63.6%	90.9%	100.0%	0.0%	1.11	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	2	12%
Red	6	80%	95%	0.85	3	18%
Blue	6	85%	98%	0.75	11	65%
Yellow	-	-	-	-	1	6%

Lab Raters (September 28 - October 2, 2026)

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
Allen ,Duane	25.00	23.60	0.54	0.50	~~12.15~~	37.00	0.81	6.00	11.00	1.00
Austin, Philip	25.00	24.39	0.44	0.48	9.63	40.00	0.82	7.00	8.00	1.00
Barrera, Tony	25.00	26.50	0.61	0.67	10.46	41.30	0.86	10.00	15.00	1.00
Beard, Joe	25.25	23.68	0.29	0.46	~~14.12~~	~~59.50~~	~~0.50~~	9.00	8.00	~~0.00~~
Blackwell,Kreed	~~25.51~~	22.58	~~0.23~~	0.59	10.46	35.06	1.08	7.00	5.00	~~0.00~~
Cales, Jonathon	25.00	24.75	0.45	0.62	10.11	39.25	1.00	9.00	18.00	1.00
Cervantes,Jonathan	25.00	23.55	~~0.24~~	0.41	11.05	37.00	0.76	6.00	5.00	~~0.00~~
Chalkley, Gerald	25.00	23.22	0.54	0.52	10.07	36.05	0.94	10.00	9.00	1.00
Cumberworth, Lee	25.00	25.18	0.64	0.56	11.01	38.27	0.67	10.00	17.00	1.00
DeCapite, Vanessa	25.00	24.38	0.60	0.56	10.92	38.28	0.66	5.00	11.00	1.00
Dominguez, Lucio	25.00	26.23	0.52	0.47	10.70	39.01	0.89	8.00	12.00	1.00
Garcia, Jessica	24.84	23.54	~~1.33~~	0.45	10.78	36.78	0.73	7.00	10.00	1.00
Lonsway, Chris	25.00	23.00	0.50	0.59	10.48	37.75	0.76	7.00	15.00	1.00
McKenzie, Andrew	25.00	24.10	0.56	0.73	11.15	37.55	0.78	9.00	17.00	1.00
Ragsdale, Kirt	25.00	23.02	0.53	0.52	9.37	38.46	0.86	7.00	9.00	1.00
Rodriguez, Jesus (Jesse)	~~27.00~~	25.02	~~0.23~~	0.50	9.53	39.25	~~0.35~~	3.00	6.00	1.00
Sanchez, Christopher	25.00	24.96	0.56	0.48	10.88	38.50	0.74	7.00	16.00	1.00
MAXIMUM	25.00	26.50	0.61	0.67	10.92	41.30	0.94	10.00	16.00	1.00
MINIMUM	25.00	23.00	0.50	0.47	9.37	36.05	0.66	5.00	9.00	1.00
RANGE(MAX-MIN)	0.000	3.500	0.110	0.200	1.550	5.250	0.280	5.000	7.000	0.000
MEAN	25.000	24.473	0.551	0.544	10.411	38.479	0.816	7.714	12.429	1.000
STANDARD DEVIATION	0.100	1.488	0.100	0.100	0.543	1.566	0.100	1.799	2.936	0.100
N SIZE	17.000									

Part ID= A1 - KEYSTONE — A1 YI Values — * Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	G1TOT	G2TOT	G3TOT	USTOT	L1TOT	L2TOT	L3TOT	TGF	2ndGF	TLHC
Allen ,Duane	0.00	-0.59	-0.11	-0.44	~~3.20~~	-0.94	-0.06	-0.95	-0.49	0.00
Austin, Philip	0.00	-0.06	-1.11	-0.64	-1.44	0.97	0.04	-0.40	-1.51	0.00
Barrera, Tony	0.00	1.36	0.59	1.26	0.09	1.80	0.44	1.27	0.88	0.00
Beard, Joe	2.50	-0.53	-2.61	-0.84	~~6.83~~	~~13.42~~	~~-3.16~~	0.71	-1.51	~~-10.00~~
Blackwell,Kreed	~~5.10~~	-1.27	~~-3.21~~	0.46	0.09	-2.18	2.64	-0.40	-2.53	~~-10.00~~
Cales, Jonathon	0.00	0.19	-1.01	0.76	-0.56	0.49	1.84	0.71	1.90	0.00
Cervantes,Jonathan	0.00	-0.62	~~-3.11~~	-1.34	1.18	-0.94	-0.56	-0.95	-2.53	~~-10.00~~
Chalkley, Gerald	0.00	-0.84	-0.11	-0.24	-0.63	-1.55	1.24	1.27	-1.17	0.00
Cumberworth, Lee	0.00	0.48	0.89	0.16	1.10	-0.13	-1.46	1.27	1.56	0.00
DeCapite, Vanessa	0.00	-0.06	0.49	0.16	0.94	-0.13	-1.56	-1.51	-0.49	0.00
Dominguez, Lucio	0.00	1.18	-0.31	-0.74	0.53	0.34	0.74	0.16	-0.15	0.00
Garcia, Jessica	-1.60	-0.63	~~7.79~~	-0.94	0.68	-1.08	-0.86	-0.40	-0.83	0.00
Lonsway, Chris	0.00	-0.99	-0.51	0.46	0.13	-0.47	-0.56	-0.40	0.88	0.00
McKenzie, Andrew	0.00	-0.25	0.09	1.86	1.36	-0.59	-0.36	0.71	1.56	0.00
Ragsdale, Kirt	0.00	-0.98	-0.21	-0.24	-1.92	-0.01	0.44	-0.40	-1.17	0.00
Rodriguez, Jesus (Jesse)	~~20.00~~	0.37	~~-3.21~~	-0.44	-1.62	0.49	~~-4.66~~	-2.62	-2.19	0.00
Sanchez, Christopher	0.00	0.33	0.09	-0.64	0.86	0.01	-0.76	-0.40	1.22	0.00
MAXIMUM	0.00	1.36	0.59	1.26	-1.92	1.80	-1.56	-1.51	1.22	0.00
MINIMUM	0.00	-0.06	0.09	0.16	0.09	-0.01	0.44	0.16	-0.15	0.00
RANGE(MAX-MIN)	0.000	1.424	0.500	1.100	-2.007	1.814	-2.000	-1.667	1.363	0.000
MEAN	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
STANDARD DEVIATION	0.100	1.000	0.410	0.695	1.000	1.000	0.983	1.000	1.000	0.100
N SIZE	17.000									

HighLight Key: Red= Greater than 2.0 Yi, Blue=Max Yi Value, Green=Minimum Yi Value

Lab Raters (September 28 - October 2, 2026)

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
Allen ,Duane	24.64	24.64	2.20	0.97	6.38	35.05	3.93	3.00	6.00	1.00
Austin, Philip	25.00	24.57	1.98	0.82	6.16	37.13	3.89	7.00	10.00	1.00
Barrera, Tony	25.00	25.00	2.00	0.92	5.81	35.43	3.50	10.00	12.00	1.00
Beard, Joe	24.39	24.20	2.23	0.80	6.31	35.09	4.77	10.00	9.00	1.00
Blackwell,Kreed	~~43.61~~	~~27.82~~	2.10	1.08	7.06	29.50	4.66	~~15.00~~	7.00	1.00
Cales, Jonathon	24.60	24.62	2.05	0.97	5.24	31.40	3.83	10.00	11.00	1.00
Cervantes,Jonathan	24.60	24.46	1.90	0.72	6.06	34.99	3.64	6.00	6.00	1.00
Chalkley, Gerald	24.60	24.62	2.04	0.71	6.08	29.65	4.38	10.00	10.00	1.00
Cumberworth, Lee	24.58	24.37	1.58	0.92	6.95	35.09	4.43	10.00	12.00	1.00
DeCapite, Vanessa	26.25	25.00	2.58	1.00	6.53	36.02	~~7.55~~	10.00	6.00	1.00
Dominguez, Lucio	24.61	24.65	1.79	0.80	5.87	36.08	3.96	8.00	9.00	1.00
Garcia, Jessica	24.89	24.66	1.90	0.88	6.93	31.95	4.63	7.00	6.00	1.00
Lonsway, Chris	24.78	24.60	2.12	0.84	5.15	39.65	4.16	6.00	14.00	1.00
McKenzie, Andrew	25.32	24.65	1.97	0.93	6.76	29.93	3.63	9.00	10.00	1.00
Ragsdale, Kirt	24.37	24.62	1.70	0.82	5.79	32.07	3.57	6.00	6.00	1.00
Rodriguez, Jesus (Jesse)	~~27.50~~	25.00	1.69	0.72	5.84	33.63	4.45	5.00	5.00	1.00
Sanchez, Christopher	24.78	24.59	1.60	0.61	6.97	34.65	4.12	7.00	9.00	1.00
MAXIMUM	26.25	25.00	2.58	1.00	6.97	39.65	4.38	10.00	14.00	1.00
MINIMUM	24.37	24.59	1.60	0.61	5.15	29.65	3.50	6.00	6.00	1.00
RANGE(MAX-MIN)	1.880	0.410	0.980	0.390	1.820	10.000	0.880	4.000	8.000	0.000
MEAN	24.913	24.726	1.976	0.814	6.029	34.793	3.948	8.143	9.429	1.000
STANDARD DEVIATION	0.621	0.188	0.327	0.129	0.583	3.190	0.348	1.864	2.936	0.100
N SIZE	17.000									

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
Allen ,Duane	-0.44	-0.46	0.69	1.21	0.60	0.08	-0.05	-2.76	-1.17	0.00
Austin, Philip	0.14	-0.83	0.01	0.04	0.23	0.73	-0.17	-0.61	0.19	0.00
Barrera, Tony	0.14	1.46	0.07	0.82	-0.37	0.20	-1.29	1.00	0.88	0.00
Beard, Joe	-0.84	-2.79	0.78	-0.11	0.48	0.09	2.36	1.00	-0.15	0.00
Blackwell,Kreed	~~30.10~~	~~16.43~~	0.38	2.07	1.77	-1.66	2.05	~~3.68~~	-0.83	0.00
Cales, Jonathon	-0.50	-0.56	0.23	1.21	-1.35	-1.06	-0.34	1.00	0.54	0.00
Cervantes,Jonathan	-0.50	-1.41	-0.23	-0.73	0.05	0.06	-0.89	-1.15	-1.17	0.00
Chalkley, Gerald	-0.50	-0.56	0.20	-0.81	0.09	-1.61	1.24	1.00	0.19	0.00
Cumberworth, Lee	-0.54	-1.89	-1.21	0.82	1.58	0.09	1.38	1.00	0.88	0.00
DeCapite, Vanessa	2.15	1.46	1.85	1.44	0.86	0.38	~~10.36~~	1.00	-1.17	0.00
Dominguez, Lucio	-0.49	-0.40	-0.57	-0.11	-0.27	0.40	0.03	-0.08	-0.15	0.00
Garcia, Jessica	-0.04	-0.35	-0.23	0.51	1.55	-0.89	1.96	-0.61	-1.17	0.00
Lonsway, Chris	-0.21	-0.67	0.44	0.20	-1.51	1.52	0.61	-1.15	1.56	0.00
McKenzie, Andrew	0.66	-0.40	-0.02	0.90	1.25	-1.52	-0.92	0.46	0.19	0.00
Ragsdale, Kirt	-0.87	-0.56	-0.84	0.04	-0.41	-0.85	-1.09	-1.15	-1.17	0.00
Rodriguez, Jesus (Jesse)	~~4.16~~	1.46	-0.87	-0.73	-0.32	-0.36	1.44	-1.69	-1.51	0.00
Sanchez, Christopher	-0.21	-0.72	-1.15	-1.59	1.61	-0.04	0.49	-0.61	-0.15	0.00
MAXIMUM	2.15	1.46	1.85	-1.59	1.61	-1.61	-1.29	-1.15	1.56	0.00
MINIMUM	0.14	-0.40	0.07	0.04	0.09	-0.04	0.03	-0.08	-0.15	0.00
RANGE(MAX-MIN)	2.012	1.859	1.773	-1.633	1.526	-1.568	-1.323	-1.073	1.703	0.000
MEAN	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
STANDARD DEVIATION	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	0.100
N SIZE	17.000									

HighLight Key: Red= Greater than 2.0 Yi, Blue=Max Yi Value, Green=Minimum Yi Value

Lab Raters (September 28 - October 2, 2026)

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
Allen ,Duane	25.00	23.88	0.30	0.40	13.20	46.50	0.59	3.00	8.00	0.00
Austin, Philip	25.00	23.85	0.20	0.38	10.12	47.98	0.52	6.00	6.00	0.00
Barrera, Tony	25.00	23.82	0.20	0.34	8.91	44.64	0.43	8.00	10.00	0.00
Beard, Joe	25.00	23.84	0.56	0.38	7.95	50.68	0.61	8.00	7.00	0.00
Blackwell,Kreed	~~26.00~~	26.41	~~2.51~~	~~0.64~~	12.25	33.55	~~3.12~~	7.00	8.00	0.00
Cales, Jonathon	25.00	23.90	0.20	0.42	11.18	47.06	0.77	10.00	10.00	0.00
Cervantes,Jonathan	~~24.47~~	25.92	0.48	0.28	7.93	45.16	0.72	6.00	5.00	0.00
Chalkley, Gerald	25.00	23.63	0.30	0.30	11.22	34.96	0.75	10.00	9.00	0.00
Cumberworth, Lee	25.00	23.61	0.38	0.36	14.32	41.22	0.66	10.00	10.00	0.00
DeCapite, Vanessa	25.00	23.90	0.20	0.23	8.43	46.50	0.74	8.00	7.00	0.00
Dominguez, Lucio	25.00	25.31	0.27	0.28	9.69	44.37	0.68	7.00	10.00	0.00
Garcia, Jessica	25.00	23.86	0.24	0.38	10.48	39.17	0.61	6.00	6.00	0.00
Lonsway, Chris	25.00	23.63	0.20	0.30	5.95	50.15	0.69	8.00	9.00	0.00
McKenzie, Andrew	25.00	23.67	0.30	0.50	11.20	45.78	0.86	9.00	11.00	0.00
Ragsdale, Kirt	25.00	23.71	0.36	0.36	5.85	39.28	0.50	5.00	6.00	0.00
Rodriguez, Jesus (Jesse)	~~34.50~~	24.61	0.20	0.14	13.68	46.84	~~0.18~~	5.00	4.00	0.00
Sanchez, Christopher	25.25	25.36	0.25	0.38	14.50	42.85	0.68	7.00	8.00	0.00
MAXIMUM	25.25	25.36	0.36	0.38	14.50	50.15	0.75	10.00	10.00	0.00
MINIMUM	25.00	23.63	0.20	0.23	5.85	34.96	0.43	5.00	6.00	0.00
RANGE(MAX-MIN)	0.250	1.730	0.160	0.150	8.650	15.190	0.320	5.000	4.000	0.000
MEAN	25.036	24.194	0.254	0.313	9.221	43.250	0.639	7.571	8.429	0.000
STANDARD DEVIATION	0.100	0.785	0.100	0.100	3.024	4.933	0.123	1.512	1.512	0.100
N SIZE	17.000									

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
Allen ,Duane	-0.36	-0.40	0.46	0.87	1.32	0.66	-0.39	-3.02	-0.28	0.00
Austin, Philip	-0.36	-0.44	-0.54	0.67	0.30	0.96	-0.96	-1.04	-1.61	0.00
Barrera, Tony	-0.36	-0.48	-0.54	0.27	-0.10	0.28	-1.69	0.28	1.04	0.00
Beard, Joe	-0.36	-0.45	3.06	0.67	-0.42	1.51	-0.23	0.28	-0.94	0.00
Blackwell,Kreed	~~9.64~~	2.82	~~22.56~~	~~3.27~~	1.00	-1.97	~~20.10~~	-0.38	-0.28	0.00
Cales, Jonathon	-0.36	-0.37	-0.54	1.07	0.65	0.77	1.06	1.61	1.04	0.00
Cervantes,Jonathan	~~-5.66~~	2.20	2.26	-0.33	-0.43	0.39	0.66	-1.04	-2.27	0.00
Chalkley, Gerald	-0.36	-0.72	0.46	-0.13	0.66	-1.68	0.90	1.61	0.38	0.00
Cumberworth, Lee	-0.36	-0.74	1.26	0.47	1.69	-0.41	0.17	1.61	1.04	0.00
DeCapite, Vanessa	-0.36	-0.37	-0.54	-0.83	-0.26	0.66	0.82	0.28	-0.94	0.00
Dominguez, Lucio	-0.36	1.42	0.16	-0.33	0.15	0.23	0.34	-0.38	1.04	0.00
Garcia, Jessica	-0.36	-0.43	-0.14	0.67	0.42	-0.83	-0.23	-1.04	-1.61	0.00
Lonsway, Chris	-0.36	-0.72	-0.54	-0.13	-1.08	1.40	0.42	0.28	0.38	0.00
McKenzie, Andrew	-0.36	-0.67	0.46	1.87	0.65	0.51	1.79	0.94	1.70	0.00
Ragsdale, Kirt	-0.36	-0.62	1.06	0.47	-1.11	-0.80	-1.12	-1.70	-1.61	0.00
Rodriguez, Jesus (Jesse)	~~94.64~~	0.53	-0.54	-1.73	1.47	0.73	~~-3.71~~	-1.70	-2.93	0.00
Sanchez, Christopher	2.14	1.48	-0.04	0.67	1.75	-0.08	0.34	-0.38	-0.28	0.00
MAXIMUM	-0.36	1.48	1.06	-0.83	1.75	-1.68	-1.69	-1.70	-1.61	0.00
MINIMUM	-0.36	-0.37	-0.04	-0.13	-0.10	-0.08	0.34	0.28	-0.28	0.00
RANGE(MAX-MIN)	0.000	1.859	1.100	-0.700	1.849	-1.599	-2.025	-1.984	-1.323	0.000
MEAN	-0.357	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
STANDARD DEVIATION	0.100	1.000	0.611	0.512	1.000	1.000	1.000	1.000	1.000	0.100
N SIZE	17.000									

Lab Raters (September 28 - October 2, 2026)

Part ID= A4 - KEYSTONE — Rated Values — * Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	UCTOT
Allen ,Duane	0.96
Austin, Philip	0.92
Barrera, Tony	1.08
Beard, Joe	~~1.71~~
Blackwell,Kreed	0.98
Cales, Jonathon	0.79
Cervantes,Jonathan	1.06
Chalkley, Gerald	0.82
Cumberworth, Lee	1.11
DeCapite, Vanessa	1.04
Dominguez, Lucio	1.09
Garcia, Jessica	0.98
Lonsway, Chris	0.84
McKenzie, Andrew	0.94
Ragsdale, Kirt	0.81
Rodriguez, Jesus (Jesse)	~~0.22~~
Sanchez, Christopher	0.82
MAXIMUM	1.09
MINIMUM	0.81
RANGE(MAX-MIN)	0.280
MEAN	0.929
STANDARD DEVIATION	0.133
N SIZE	17.000

Part ID= A4 - KEYSTONE — A4 YI Values — * Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	UCTOT
Allen ,Duane	0.24
Austin, Philip	-0.06
Barrera, Tony	1.13
Beard, Joe	~~5.85~~
Blackwell,Kreed	0.39
Cales, Jonathon	-1.04
Cervantes,Jonathan	0.98
Chalkley, Gerald	-0.81
Cumberworth, Lee	1.36
DeCapite, Vanessa	0.83
Dominguez, Lucio	1.21
Garcia, Jessica	0.39
Lonsway, Chris	-0.66
McKenzie, Andrew	0.09
Ragsdale, Kirt	-0.89
Rodriguez, Jesus (Jesse)	~~-5.31~~
Sanchez, Christopher	-0.81
MAXIMUM	1.21
MINIMUM	-0.66
RANGE(MAX-MIN)	1.873
MEAN	0.000
STANDARD DEVIATION	1.000
N SIZE	17.000

HighLight Key: Red= Greater than 2.0 Yi, Blue=Max Yi Value, Green=Minimum Yi Value

Lab Raters (September 28 - October 2, 2026)

Part ID= A5 - C13-STYLE — Rated Values — * Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	G1TOT	L1TOT
Allen ,Duane	43.45	18.60
Austin, Philip	31.00	21.32
Barrera, Tony	44.25	18.80
Beard, Joe	38.80	21.96
Blackwell,Kreed	30.09	19.43
Cales, Jonathon	34.74	20.98
Cervantes,Jonathan	33.88	21.60
Chalkley, Gerald	31.29	19.11
Cumberworth, Lee	36.39	20.53
DeCapite, Vanessa	36.99	19.25
Dominguez, Lucio	38.16	22.06
Garcia, Jessica	30.77	21.09
Lonsway, Chris	35.97	21.09
McKenzie, Andrew	38.03	21.43
Ragsdale, Kirt	32.56	16.02
Rodriguez, Jesus (Jesse)	42.00	21.24
Sanchez, Christopher	38.18	19.89
MAXIMUM	44.25	22.06
MINIMUM	31.29	16.02
RANGE(MAX-MIN)	12.960	6.040
MEAN	36.771	19.460
STANDARD DEVIATION	4.249	1.916
N SIZE	17.000	

Part ID= A5 - C13-STYLE — A5 YI Values — * Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	G1TOT	L1TOT
Allen ,Duane	1.57	-0.45
Austin, Philip	-1.36	0.97
Barrera, Tony	1.76	-0.34
Beard, Joe	0.48	1.30
Blackwell,Kreed	-1.57	-0.02
Cales, Jonathon	-0.48	0.79
Cervantes,Jonathan	-0.68	1.12
Chalkley, Gerald	-1.29	-0.18
Cumberworth, Lee	-0.09	0.56
DeCapite, Vanessa	0.05	-0.11
Dominguez, Lucio	0.33	1.36
Garcia, Jessica	-1.41	0.85
Lonsway, Chris	-0.19	0.85
McKenzie, Andrew	0.30	1.03
Ragsdale, Kirt	-0.99	-1.79
Rodriguez, Jesus (Jesse)	1.23	0.93
Sanchez, Christopher	0.33	0.22
MAXIMUM	1.76	-1.79
MINIMUM	0.05	-0.11
RANGE(MAX-MIN)	1.709	-1.685
MEAN	0.000	0.000
STANDARD DEVIATION	1.000	1.000
N SIZE	17.000	

Lab Raters (September 28 - October 2, 2026)

Part ID= A6 - C13-STYLE — Rated Values — * Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	G1TOT	L1TOT
Allen ,Duane	40.00	20.31
Austin, Philip	37.00	23.59
Barrera, Tony	33.75	26.16
Beard, Joe	33.75	24.55
Blackwell,Kreed	~~28.25~~	22.61
Cales, Jonathon	36.25	24.84
Cervantes,Jonathan	35.00	21.77
Chalkley, Gerald	36.25	21.00
Cumberworth, Lee	37.00	21.79
DeCapite, Vanessa	41.00	22.30
Dominguez, Lucio	40.00	22.81
Garcia, Jessica	37.00	22.63
Lonsway, Chris	41.25	20.45
McKenzie, Andrew	36.75	24.26
Ragsdale, Kirt	37.25	17.05
Rodriguez, Jesus (Jesse)	~~52.50~~	25.97
Sanchez, Christopher	40.00	21.31
MAXIMUM	41.25	26.16
MINIMUM	33.75	17.05
RANGE(MAX-MIN)	7.500	9.110
MEAN	38.500	21.583
STANDARD DEVIATION	2.814	2.745
N SIZE	17.000	

Part ID= A6 - C13-STYLE — A6 YI Values — * Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	G1TOT	L1TOT
Allen ,Duane	0.53	-0.46
Austin, Philip	-0.53	0.73
Barrera, Tony	-1.69	1.67
Beard, Joe	-1.69	1.08
Blackwell,Kreed	~~-3.64~~	0.37
Cales, Jonathon	-0.80	1.19
Cervantes,Jonathan	-1.24	0.07
Chalkley, Gerald	-0.80	-0.21
Cumberworth, Lee	-0.53	0.08
DeCapite, Vanessa	0.89	0.26
Dominguez, Lucio	0.53	0.45
Garcia, Jessica	-0.53	0.38
Lonsway, Chris	0.98	-0.41
McKenzie, Andrew	-0.62	0.98
Ragsdale, Kirt	-0.44	-1.65
Rodriguez, Jesus (Jesse)	~~4.98~~	1.60
Sanchez, Christopher	0.53	-0.10
MAXIMUM	-1.69	1.67
MINIMUM	-0.44	-0.10
RANGE(MAX-MIN)	-1.244	1.767
MEAN	0.000	0.000
STANDARD DEVIATION	1.000	1.000
N SIZE	17.000	

Lab Raters (September 28 - October 2, 2026)

Part ID= A7 - C13-STYLE — Rated Values — * Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	G1TOT	L1TOT
Allen ,Duane	35.89	16.88
Austin, Philip	31.00	16.35
Barrera, Tony	28.10	17.78
Beard, Joe	32.55	18.48
Blackwell,Kreed	~~43.31~~	16.20
Cales, Jonathon	32.84	19.05
Cervantes,Jonathan	31.92	20.03
Chalkley, Gerald	33.18	17.88
Cumberworth, Lee	31.51	18.87
DeCapite, Vanessa	33.73	17.70
Dominguez, Lucio	34.85	18.43
Garcia, Jessica	34.20	19.78
Lonsway, Chris	33.90	17.42
McKenzie, Andrew	36.80	~~23.64~~
Ragsdale, Kirt	34.24	13.81
Rodriguez, Jesus (Jesse)	~~44.50~~	20.63
Sanchez, Christopher	35.34	17.88
MAXIMUM	35.34	18.43
MINIMUM	28.10	13.81
RANGE(MAX-MIN)	7.240	4.620
MEAN	33.334	17.271
STANDARD DEVIATION	2.417	1.556
N SIZE	17.000	

Part ID= A7 - C13-STYLE — A7 YI Values — * Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	G1TOT	L1TOT
Allen ,Duane	1.06	-0.25
Austin, Philip	-0.97	-0.59
Barrera, Tony	-2.17	0.33
Beard, Joe	-0.32	0.78
Blackwell,Kreed	~~4.13~~	-0.69
Cales, Jonathon	-0.20	1.14
Cervantes,Jonathan	-0.59	1.77
Chalkley, Gerald	-0.06	0.39
Cumberworth, Lee	-0.75	1.03
DeCapite, Vanessa	0.16	0.28
Dominguez, Lucio	0.63	0.74
Garcia, Jessica	0.36	1.61
Lonsway, Chris	0.23	0.10
McKenzie, Andrew	1.43	~~4.09~~
Ragsdale, Kirt	0.37	-2.22
Rodriguez, Jesus (Jesse)	~~4.62~~	2.16
Sanchez, Christopher	0.83	0.39
MAXIMUM	-2.17	-2.22
MINIMUM	-0.06	0.10
RANGE(MAX-MIN)	-2.102	-2.320
MEAN	0.000	0.000
STANDARD DEVIATION	1.000	1.000
N SIZE	17.000	

Lab Raters (September 28 - October 2, 2026)

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
Allen ,Duane	0.78	0.75	9.42	1.14	2.00	9.90	9.82
Austin, Philip	0.78	0.75	9.34	1.25	1.73	9.70	9.70
Barrera, Tony	0.73	0.75	9.38	1.22	1.93	9.66	9.66
Beard, Joe	0.75	0.75	9.68	1.58	2.21	9.70	9.68
Blackwell,Kreed	0.75	0.75	9.31	1.34	1.82	9.64	9.68
Cales, Jonathon	0.78	0.75	9.35	1.77	1.96	9.80	9.80
Cervantes,Jonathan	0.77	0.75	9.61	1.22	1.77	9.62	9.63
Chalkley, Gerald	0.65	0.75	9.41	1.41	1.88	9.80	9.80
Cumberworth, Lee	0.73	0.75	9.50	1.42	1.95	9.70	9.70
DeCapite, Vanessa	0.71	0.75	9.45	1.16	1.83	9.80	9.85
Dominguez, Lucio	0.75	0.75	9.60	1.25	1.83	9.77	9.78
Garcia, Jessica	0.74	0.75	9.72	1.22	1.77	9.76	9.73
Lonsway, Chris	0.75	0.75	9.68	1.28	2.21	9.90	9.90
McKenzie, Andrew	0.76	0.75	9.23	1.27	1.97	9.80	9.78
Ragsdale, Kirt	0.80	0.75	9.42	1.58	2.08	9.77	9.77
Rodriguez, Jesus (Jesse)	0.79	0.75	9.64	1.21	1.86	9.80	9.80
Sanchez, Christopher	0.78	0.75	9.63	1.55	2.24	9.77	9.76
MAXIMUM	0.80	0.75	9.68	1.58	2.24	9.90	9.90
MINIMUM	0.65	0.75	9.38	1.16	1.83	9.66	9.66
RANGE(MAX-MIN)	0.150	0.000	0.300	0.420	0.410	0.240	0.240
MEAN	0.739	0.750	9.510	1.350	2.000	9.781	9.789
STANDARD DEVIATION	0.100	0.100	0.122	0.166	0.176	0.100	0.100
N SIZE	17.000						

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
Allen ,Duane	0.41	0.00	-0.73	-1.27	0.00	1.19	0.31
Austin, Philip	0.41	0.00	-1.39	-0.60	-1.54	-0.81	-0.89
Barrera, Tony	-0.09	0.00	-1.06	-0.79	-0.40	-1.21	-1.29
Beard, Joe	0.11	0.00	1.39	1.39	1.20	-0.81	-1.09
Blackwell,Kreed	0.11	0.00	-1.63	-0.06	-1.02	-1.41	-1.09
Cales, Jonathon	0.41	0.00	-1.31	2.54	-0.23	0.19	0.11
Cervantes,Jonathan	0.31	0.00	0.82	-0.79	-1.31	-1.61	-1.59
Chalkley, Gerald	-0.89	0.00	-0.82	0.36	-0.68	0.19	0.11
Cumberworth, Lee	-0.09	0.00	-0.08	0.42	-0.28	-0.81	-0.89
DeCapite, Vanessa	-0.29	0.00	-0.49	-1.15	-0.97	0.19	0.61
Dominguez, Lucio	0.11	0.00	0.73	-0.60	-0.97	-0.11	-0.09
Garcia, Jessica	0.01	0.00	1.71	-0.79	-1.31	-0.21	-0.59
Lonsway, Chris	0.11	0.00	1.39	-0.42	1.20	1.19	1.11
McKenzie, Andrew	0.21	0.00	-2.29	-0.48	-0.17	0.19	-0.09
Ragsdale, Kirt	0.61	0.00	-0.73	1.39	0.46	-0.11	-0.19
Rodriguez, Jesus (Jesse)	0.51	0.00	1.06	-0.85	-0.80	0.19	0.11
Sanchez, Christopher	0.41	0.00	0.98	1.21	1.37	-0.11	-0.29
MAXIMUM	-0.89	0.00	1.39	1.39	1.37	-1.21	-1.29
MINIMUM	-0.09	0.00	-0.49	0.36	-0.40	-0.11	-0.09
RANGE(MAX-MIN)	-0.800	0.000	1.878	1.027	1.764	-1.100	-1.200
MEAN	0.000	0.000	0.000	0.000	0.000	0.000	0.000
STANDARD DEVIATION	0.491	0.100	1.000	1.000	1.000	0.706	0.754
N SIZE	17.000						

PART_ID	part_type	RATER	WPD	Yi
B1	SEQUENCE IIIH PISTON	Allen, Duane	4.460	-0.511
B1	SEQUENCE IIIH PISTON	Austin, Philip	4.364	-1.559
B1	SEQUENCE IIIH PISTON	Barrera, Tony	4.430	-0.842
B1	SEQUENCE IIIH PISTON	Beard, Joe	4.622	1.242
B1	SEQUENCE IIIH PISTON	Blackwell,Kreed	4.412	-1.038
B1	SEQUENCE IIIH PISTON	Cales, Jonathon	4.503	-0.050
B1	SEQUENCE IIIH PISTON	Cervantes,Jonathan	4.456	-0.554
B1	SEQUENCE IIIH PISTON	Chalkley, Gerald	4.452	-0.598
B1	SEQUENCE IIIH PISTON	Cumberworth, Lee	4.498	-0.104
B1	SEQUENCE IIIH PISTON	DeCapite, Vanessa	4.426	-0.880
B1	SEQUENCE IIIH PISTON	Dominguez, Lucio	4.463	-0.484
B1	SEQUENCE IIIH PISTON	Garcia, Jessica	4.470	-0.408
B1	SEQUENCE IIIH PISTON	Lonsway, Chris	4.610	1.112
B1	SEQUENCE IIIH PISTON	McKenzie, Andrew	4.453	-0.592
B1	SEQUENCE IIIH PISTON	Ragsdale, Kirt	4.512	0.054
B1	SEQUENCE IIIH PISTON	Rodriguez, Jesus (Jesse)	4.477	-0.326
B1	SEQUENCE IIIH PISTON	Sanchez, Christopher	4.658	1.639

average	4.507
standard deviation	0.092

Lab Raters (September 28 - October 2, 2026)

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
Allen ,Duane	0.75	0.71	9.56	0.85	2.46	9.88	9.85
Austin, Philip	0.78	0.88	9.64	0.97	2.90	9.80	9.80
Barrera, Tony	1.20	0.70	9.47	0.86	2.73	9.77	9.75
Beard, Joe	0.74	0.73	9.71	0.94	3.21	9.79	9.79
Blackwell,Kreed	0.75	0.79	9.68	0.98	2.65	9.73	9.73
Cales, Jonathon	0.84	0.79	9.47	0.91	3.00	9.85	9.80
Cervantes,Jonathan	0.80	0.73	9.72	0.89	2.85	9.66	9.56
Chalkley, Gerald	0.74	0.76	9.74	0.91	2.93	9.80	9.80
Cumberworth, Lee	0.75	0.75	9.56	1.00	2.85	9.70	9.67
DeCapite, Vanessa	0.73	0.71	9.64	0.88	2.42	9.85	9.90
Dominguez, Lucio	0.80	0.74	9.71	0.86	2.89	9.83	9.77
Garcia, Jessica	0.77	0.75	9.74	0.95	2.97	9.77	9.73
Lonsway, Chris	0.75	0.73	9.80	0.84	2.48	9.90	9.90
McKenzie, Andrew	0.78	0.77	9.41	0.87	2.43	9.78	9.69
Ragsdale, Kirt	0.86	0.74	9.59	1.08	4.03	9.79	9.75
Rodriguez, Jesus (Jesse)	0.73	0.74	9.78	0.81	2.40	9.80	9.80
Sanchez, Christopher	0.81	0.74	9.82	0.92	3.23	9.85	9.85
MAXIMUM	1.20	0.76	9.82	1.08	4.03	9.90	9.90
MINIMUM	0.73	0.70	9.47	0.84	2.42	9.77	9.75
RANGE(MAX-MIN)	0.470	0.060	0.350	0.240	1.610	0.130	0.150
MEAN	0.841	0.731	9.681	0.907	2.959	9.827	9.817
STANDARD DEVIATION	0.165	0.100	0.124	0.100	0.547	0.100	0.100
N SIZE	17.000						

Part ID= B2 - SEQUENCE IIIH PISTON — B2 YI Values — * Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	FRTOT	RRTOT
Allen ,Duane	-0.56	-0.21	-0.98	-0.57	-0.91	0.53	0.33
Austin, Philip	-0.37	1.49	-0.33	0.63	-0.11	-0.27	-0.17
Barrera, Tony	2.18	-0.31	-1.70	-0.47	-0.42	-0.57	-0.67
Beard, Joe	-0.62	-0.01	0.23	0.33	0.46	-0.37	-0.27
Blackwell,Kreed	-0.56	0.59	-0.01	0.73	-0.56	-0.97	-0.87
Cales, Jonathon	-0.01	0.59	-1.70	0.03	0.08	0.23	-0.17
Cervantes,Jonathan	-0.25	-0.01	0.31	-0.17	-0.20	-1.67	-2.57
Chalkley, Gerald	-0.62	0.29	0.47	0.03	-0.05	-0.27	-0.17
Cumberworth, Lee	-0.56	0.19	-0.98	0.93	-0.20	-1.27	-1.47
DeCapite, Vanessa	-0.68	-0.21	-0.33	-0.27	-0.98	0.23	0.83
Dominguez, Lucio	-0.25	0.09	0.23	-0.47	-0.13	0.03	-0.47
Garcia, Jessica	-0.43	0.19	0.47	0.43	0.02	-0.57	-0.87
Lonsway, Chris	-0.56	-0.01	0.96	-0.67	-0.87	0.73	0.83
McKenzie, Andrew	-0.37	0.39	-2.19	-0.37	-0.97	-0.47	-1.27
Ragsdale, Kirt	0.11	0.09	-0.74	1.73	1.96	-0.37	-0.67
Rodriguez, Jesus (Jesse)	-0.68	0.09	0.79	-0.97	-1.02	-0.27	-0.17
Sanchez, Christopher	-0.19	0.09	1.12	0.13	0.50	0.23	0.33
MAXIMUM	2.18	-0.31	-1.70	1.73	1.96	0.73	0.83
MINIMUM	0.11	-0.01	0.23	0.03	-0.05	0.03	-0.17
RANGE(MAX-MIN)	2.065	-0.300	-1.935	1.700	2.009	0.700	1.000
MEAN	0.000	0.000	0.000	0.000	0.000	0.000	0.000
STANDARD DEVIATION	1.000	0.204	1.000	0.814	1.000	0.442	0.663
N SIZE	17.000						

PART_ID	part_type	RATER	WPD	Yi
B2	SEQUENCE IIIH PISTON	Allen, Duane	4.578	-1.184
B2	SEQUENCE IIIH PISTON	Austin, Philip	4.756	-0.086
B2	SEQUENCE IIIH PISTON	Barrera, Tony	4.662	-0.663
B2	SEQUENCE IIIH PISTON	Beard, Joe	4.839	0.428
B2	SEQUENCE IIIH PISTON	Blackwell,Kreed	4.692	-0.481
B2	SEQUENCE IIIH PISTON	Cales, Jonathon	4.719	-0.311
B2	SEQUENCE IIIH PISTON	Cervantes,Jonathan	4.751	-0.117
B2	SEQUENCE IIIH PISTON	Chalkley, Gerald	4.764	-0.037
B2	SEQUENCE IIIH PISTON	Cumberworth, Lee	4.716	-0.330
B2	SEQUENCE IIIH PISTON	DeCapite, Vanessa	4.601	-1.039
B2	SEQUENCE IIIH PISTON	Dominguez, Lucio	4.748	-0.133
B2	SEQUENCE IIIH PISTON	Garcia, Jessica	4.795	0.157
B2	SEQUENCE IIIH PISTON	Lonsway, Chris	4.647	-0.758
B2	SEQUENCE IIIH PISTON	McKenzie, Andrew	4.564	-1.267
B2	SEQUENCE IIIH PISTON	Ragsdale, Kirt	5.058	1.779
B2	SEQUENCE IIIH PISTON	Rodriguez, Jesus (Jesse)	4.603	-1.027
B2	SEQUENCE IIIH PISTON	Sanchez, Christopher	4.908	0.851

average	4.770
standard deviation	0.162

Lab Raters (September 28 - October 2, 2026)

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
Allen ,Duane	0.75	0.85	9.24	0.97	4.88	9.62	9.70
Austin, Philip	0.79	0.92	9.19	1.10	5.44	9.74	9.74
Barrera, Tony	0.75	0.70	8.88	0.80	5.12	9.69	9.66
Beard, Joe	0.75	0.82	9.66	0.97	5.53	9.78	9.78
Blackwell,Kreed	0.75	0.90	9.00	1.01	4.96	~~9.33~~	9.57
Cales, Jonathon	0.75	0.84	8.92	0.88	5.52	9.62	9.67
Cervantes,Jonathan	0.75	0.79	9.31	0.85	4.99	9.61	9.59
Chalkley, Gerald	0.75	0.84	9.50	0.91	5.66	9.80	9.80
Cumberworth, Lee	0.75	0.83	9.07	0.94	5.25	9.68	9.69
DeCapite, Vanessa	0.75	0.81	9.26	0.80	4.90	9.80	9.80
Dominguez, Lucio	0.75	0.78	9.47	0.81	5.25	9.73	9.74
Garcia, Jessica	0.74	0.77	9.42	0.87	5.22	9.74	9.73
Lonsway, Chris	0.75	0.87	9.58	0.88	5.40	9.80	9.80
McKenzie, Andrew	0.75	0.79	9.18	0.89	4.76	9.86	9.86
Ragsdale, Kirt	0.75	0.77	9.26	0.97	5.15	9.74	9.71
Rodriguez, Jesus (Jesse)	0.75	0.80	9.53	0.80	5.57	9.80	9.80
Sanchez, Christopher	0.75	0.83	9.34	0.90	5.64	9.83	9.81
MAXIMUM	0.75	0.87	9.58	0.97	5.66	9.83	9.81
MINIMUM	0.75	0.70	8.88	0.80	4.90	9.69	9.66
RANGE(MAX-MIN)	0.000	0.170	0.700	0.170	0.760	0.140	0.150
MEAN	0.750	0.800	9.327	0.867	5.303	9.770	9.760
STANDARD DEVIATION	0.100	0.100	0.232	0.100	0.281	0.100	0.100
N SIZE	17.000						

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
Allen ,Duane	0.00	0.50	-0.38	1.03	-1.51	-1.50	-0.60
Austin, Philip	0.40	1.20	-0.59	2.33	0.49	-0.30	-0.20
Barrera, Tony	0.00	-1.00	-1.93	-0.67	-0.65	-0.80	-1.00
Beard, Joe	0.00	0.20	1.43	1.03	0.81	0.10	0.20
Blackwell,Kreed	0.00	1.00	-1.41	1.43	-1.22	~~-4.40~~	-1.90
Cales, Jonathon	0.00	0.40	-1.75	0.13	0.77	-1.50	-0.90
Cervantes,Jonathan	0.00	-0.10	-0.07	-0.17	-1.11	-1.60	-1.70
Chalkley, Gerald	0.00	0.40	0.74	0.43	1.27	0.30	0.40
Cumberworth, Lee	0.00	0.30	-1.11	0.73	-0.19	-0.90	-0.70
DeCapite, Vanessa	0.00	0.10	-0.29	-0.67	-1.44	0.30	0.40
Dominguez, Lucio	0.00	-0.20	0.62	-0.57	-0.19	-0.40	-0.20
Garcia, Jessica	-0.10	-0.30	0.40	0.03	-0.30	-0.30	-0.30
Lonsway, Chris	0.00	0.70	1.09	0.13	0.35	0.30	0.40
McKenzie, Andrew	0.00	-0.10	-0.63	0.23	-1.93	0.90	1.00
Ragsdale, Kirt	0.00	-0.30	-0.29	1.03	-0.54	-0.30	-0.50
Rodriguez, Jesus (Jesse)	0.00	0.00	0.87	-0.67	0.95	0.30	0.40
Sanchez, Christopher	0.00	0.30	0.06	0.33	1.20	0.60	0.50
MAXIMUM	0.00	-1.00	-1.93	1.03	-1.44	-0.80	-1.00
MINIMUM	0.00	0.10	0.06	0.13	-0.19	0.30	-0.20
RANGE(MAX-MIN)	0.000	-1.100	-1.982	0.900	-1.247	-1.100	-0.800
MEAN	0.000	0.000	0.000	0.000	0.000	0.000	0.000
STANDARD DEVIATION	0.100	0.560	1.000	0.658	1.000	0.503	0.580
N SIZE	17.000						

HighLight Key: Red= Greater than 2.0 Yi, Blue=Max Yi Value, Green=Minimum Yi Value

PART_ID	part_type	RATER	WPD	Yi
B3	SEQUENCE IIIH PISTON	Allen, Duane	5.251	-1.061
B3	SEQUENCE IIIH PISTON	Austin, Philip	5.4455	0.398
B3	SEQUENCE IIIH PISTON	Barrera, Tony	5.221	-1.287
B3	SEQUENCE IIIH PISTON	Beard, Joe	5.538	1.091
B3	SEQUENCE IIIH PISTON	Blackwell,Kreed	5.236	-1.174
B3	SEQUENCE IIIH PISTON	Cales, Jonathon	5.343	-0.371
B3	SEQUENCE IIIH PISTON	Cervantes,Jonathan	5.307	-0.641
B3	SEQUENCE IIIH PISTON	Chalkley, Gerald	5.543	1.129
B3	SEQUENCE IIIH PISTON	Cumberworth, Lee	5.337	-0.416
B3	SEQUENCE IIIH PISTON	DeCapite, Vanessa	5.2605	-0.990
B3	SEQUENCE IIIH PISTON	Dominguez, Lucio	5.3955	0.023
B3	SEQUENCE IIIH PISTON	Garcia, Jessica	5.393	0.004
B3	SEQUENCE IIIH PISTON	Lonsway, Chris	5.4885	0.720
B3	SEQUENCE IIIH PISTON	McKenzie, Andrew	5.233	-1.197
B3	SEQUENCE IIIH PISTON	Ragsdale, Kirt	5.3045	-0.660
B3	SEQUENCE IIIH PISTON	Rodriguez, Jesus (Jesse)	5.5095	0.878
B3	SEQUENCE IIIH PISTON	Sanchez, Christopher	5.5345	1.065

average	5.393
standard deviation	0.133

Lab Raters (September 28 - October 2, 2026)

Part ID= B4 - SEQUENCE IIIH PISTON — Rated Values — * Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	UCTOT
Allen ,Duane	7.05
Austin, Philip	7.05
Barrera, Tony	7.14
Beard, Joe	7.04
Blackwell,Kreed	7.24
Cales, Jonathon	6.85
Cervantes,Jonathan	7.44
Chalkley, Gerald	7.07
Cumberworth, Lee	7.18
DeCapite, Vanessa	7.20
Dominguez, Lucio	7.16
Garcia, Jessica	7.25
Lonsway, Chris	7.16
McKenzie, Andrew	7.33
Ragsdale, Kirt	6.75
Rodriguez, Jesus (Jesse)	7.15
Sanchez, Christopher	7.37
MAXIMUM	7.37
MINIMUM	6.75
RANGE(MAX-MIN)	0.620
MEAN	7.121
STANDARD DEVIATION	0.188
N SIZE	17.000

Part ID= B4 - SEQUENCE IIIH PISTON — B4 YI Values — * Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	UCTOT
Allen ,Duane	-0.38
Austin, Philip	-0.38
Barrera, Tony	0.10
Beard, Joe	-0.43
Blackwell,Kreed	0.63
Cales, Jonathon	-1.44
Cervantes,Jonathan	1.70
Chalkley, Gerald	-0.27
Cumberworth, Lee	0.31
DeCapite, Vanessa	0.42
Dominguez, Lucio	0.21
Garcia, Jessica	0.68
Lonsway, Chris	0.21
McKenzie, Andrew	1.11
Ragsdale, Kirt	-1.98
Rodriguez, Jesus (Jesse)	0.15
Sanchez, Christopher	1.32
MAXIMUM	-1.98
MINIMUM	0.10
RANGE(MAX-MIN)	-2.075
MEAN	0.000
STANDARD DEVIATION	1.000
N SIZE	17.000

Lab Raters (September 28 - October 2, 2026)

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
Allen ,Duane	1.97	5.25	9.86	1.25	9.90	9.70	9.80
Austin, Philip	~~1.39~~	4.17	9.80	1.82	9.70	9.80	9.80
Barrera, Tony	1.95	4.76	9.80	1.34	9.80	9.90	9.90
Beard, Joe	2.26	5.01	9.85	1.44	9.78	9.79	9.80
Blackwell,Kreed	1.88	5.16	9.80	1.63	9.79	9.86	9.90
Cales, Jonathon	1.81	5.37	9.90	1.50	9.90	9.90	9.89
Cervantes,Jonathan	1.64	4.88	9.90	1.14	9.90	9.89	9.90
Chalkley, Gerald	2.18	5.22	9.90	1.50	9.90	9.90	9.90
Cumberworth, Lee	1.84	5.28	9.83	1.45	9.86	9.79	9.79
DeCapite, Vanessa	1.92	4.51	9.87	1.10	9.90	9.80	9.85
Dominguez, Lucio	1.92	5.24	9.86	1.22	9.60	9.81	9.75
Garcia, Jessica	1.97	4.88	9.69	1.23	9.80	9.79	9.80
Lonsway, Chris	1.72	5.44	9.90	1.13	9.90	9.90	9.90
McKenzie, Andrew	1.83	4.59	9.73	1.47	9.80	9.75	9.76
Ragsdale, Kirt	2.05	4.35	9.80	2.03	9.77	9.74	9.80
Rodriguez, Jesus (Jesse)	2.17	4.63	9.80	1.15	9.90	9.80	9.80
Sanchez, Christopher	2.01	5.63	9.85	1.78	9.88	9.76	9.76
MAXIMUM	2.18	5.63	9.90	2.03	9.90	9.90	9.90
MINIMUM	1.72	4.35	9.80	1.10	9.60	9.74	9.75
RANGE(MAX-MIN)	0.460	1.280	0.100	0.930	0.300	0.160	0.150
MEAN	1.964	5.021	9.854	1.443	9.821	9.830	9.837
STANDARD DEVIATION	0.141	0.485	0.100	0.351	0.111	0.100	0.100
N SIZE	17.000						

Part ID= B5 - GMOD PISTON — B5 YI Values — * Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	THTOT	ATTOT
Allen ,Duane	0.04	0.47	0.06	-0.55	0.71	-1.30	-0.37
Austin, Philip	~~-4.06~~	-1.75	-0.54	1.08	-1.09	-0.30	-0.37
Barrera, Tony	-0.10	-0.54	-0.54	-0.29	-0.19	0.70	0.63
Beard, Joe	2.09	-0.02	-0.04	-0.01	-0.37	-0.40	-0.37
Blackwell,Kreed	-0.60	0.29	-0.54	0.53	-0.28	0.30	0.63
Cales, Jonathon	-1.09	0.72	0.46	0.16	0.71	0.70	0.53
Cervantes,Jonathan	-2.30	-0.29	0.46	-0.86	0.71	0.60	0.63
Chalkley, Gerald	1.53	0.41	0.46	0.16	0.71	0.70	0.63
Cumberworth, Lee	-0.88	0.53	-0.24	0.02	0.35	-0.40	-0.47
DeCapite, Vanessa	-0.31	-1.05	0.16	-0.98	0.71	-0.30	0.13
Dominguez, Lucio	-0.31	0.45	0.06	-0.64	-1.99	-0.20	-0.87
Garcia, Jessica	0.04	-0.29	-1.64	-0.61	-0.19	-0.40	-0.37
Lonsway, Chris	-1.73	0.86	0.46	-0.89	0.71	0.70	0.63
McKenzie, Andrew	-0.95	-0.89	-1.24	0.08	-0.19	-0.80	-0.77
Ragsdale, Kirt	0.61	-1.38	-0.54	1.67	-0.46	-0.90	-0.37
Rodriguez, Jesus (Jesse)	1.46	-0.81	-0.54	-0.84	0.71	-0.30	-0.37
Sanchez, Christopher	0.32	1.25	-0.04	0.96	0.53	-0.70	-0.77
MAXIMUM	-1.73	-1.38	-0.54	1.67	-1.99	-0.90	-0.87
MINIMUM	-0.10	0.41	-0.04	0.16	-0.19	-0.20	0.13
RANGE(MAX-MIN)	-1.628	-1.792	-0.500	1.512	-1.800	-0.700	-1.000
MEAN	0.000	0.000	0.000	0.000	0.000	0.000	0.000
STANDARD DEVIATION	1.000	1.000	0.416	1.000	1.000	0.695	0.670
N SIZE	17.000						

PART_ID	part_type	RATER	WPD	Yi
B5	GMOD PISTON	Allen, Duane	6.110	0.624
B5	GMOD PISTON	Austin, Philip	5.868	-1.028
B5	GMOD PISTON	Barrera, Tony	5.991	-0.190
B5	GMOD PISTON	Beard, Joe	6.018	-0.002
B5	GMOD PISTON	Blackwell,Kreed	6.022	0.023
B5	GMOD PISTON	Cales, Jonathon	6.122	0.706
B5	GMOD PISTON	Cervantes,Jonathan	5.836	-1.246
B5	GMOD PISTON	Chalkley, Gerald	6.103	0.574
B5	GMOD PISTON	Cumberworth, Lee	6.037	0.122
B5	GMOD PISTON	DeCapite, Vanessa	5.777	-1.647
B5	GMOD PISTON	Dominguez, Lucio	5.913	-0.721
B5	GMOD PISTON	Garcia, Jessica	5.914	-0.712
B5	GMOD PISTON	Lonsway, Chris	6.018	-0.004
B5	GMOD PISTON	McKenzie, Andrew	6.017	-0.010
B5	GMOD PISTON	Ragsdale, Kirt	6.097	0.533
B5	GMOD PISTON	Rodriguez, Jesus (Jesse)	5.899	-0.819
B5	GMOD PISTON	Sanchez, Christopher	6.232	1.455

average	6.019
standard deviation	0.147

Lab Raters (September 28 - October 2, 2026)

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
Allen ,Duane	0.75	0.73	9.73	0.83	9.79	9.80	9.70
Austin, Philip	0.92	0.75	9.70	1.02	9.64	9.80	9.80
Barrera, Tony	0.82	0.75	9.80	1.02	9.59	9.88	9.04
Beard, Joe	0.83	0.75	9.77	0.92	9.56	9.76	9.77
Blackwell,Kreed	0.85	0.75	9.80	1.02	9.45	9.88	9.90
Cales, Jonathon	0.84	0.75	9.90	0.84	9.66	9.85	9.89
Cervantes,Jonathan	1.03	0.75	9.80	0.84	9.73	9.90	9.90
Chalkley, Gerald	0.95	0.75	9.90	0.93	9.90	9.90	9.90
Cumberworth, Lee	1.01	0.75	9.70	0.92	9.74	9.80	9.80
DeCapite, Vanessa	0.96	0.75	9.78	0.92	9.85	9.90	9.90
Dominguez, Lucio	1.05	0.75	9.70	0.93	9.65	9.78	9.84
Garcia, Jessica	1.06	0.74	9.71	0.84	9.63	9.79	9.80
Lonsway, Chris	0.83	0.75	9.90	0.83	9.80	9.90	9.90
McKenzie, Andrew	0.84	0.75	9.70	0.97	9.58	9.87	9.86
Ragsdale, Kirt	0.97	0.75	9.80	1.01	9.67	9.78	9.79
Rodriguez, Jesus (Jesse)	0.84	0.75	9.80	0.75	9.72	9.80	9.80
Sanchez, Christopher	0.83	0.75	9.79	0.84	9.70	9.78	9.79
MAXIMUM	1.05	0.75	9.90	1.02	9.90	9.90	9.90
MINIMUM	0.82	0.75	9.70	0.83	9.59	9.78	9.04
RANGE(MAX-MIN)	0.230	0.000	0.200	0.190	0.310	0.120	0.860
MEAN	0.916	0.750	9.810	0.926	9.737	9.846	9.737
STANDARD DEVIATION	0.100	0.100	0.100	0.100	0.114	0.100	0.311
N SIZE	17.000						

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
Allen ,Duane	-1.66	-0.20	-0.80	-0.96	0.46	-0.46	-0.12
Austin, Philip	0.04	0.00	-1.10	0.94	-0.85	-0.46	0.20
Barrera, Tony	-0.96	0.00	-0.10	0.94	-1.29	0.34	-2.24
Beard, Joe	-0.86	0.00	-0.40	-0.06	-1.55	-0.86	0.11
Blackwell,Kreed	-0.66	0.00	-0.10	0.94	-2.51	0.34	0.52
Cales, Jonathon	-0.76	0.00	0.90	-0.86	-0.68	0.04	0.49
Cervantes,Jonathan	1.14	0.00	-0.10	-0.86	-0.06	0.54	0.52
Chalkley, Gerald	0.34	0.00	0.90	0.04	1.43	0.54	0.52
Cumberworth, Lee	0.94	0.00	-1.10	-0.06	0.03	-0.46	0.20
DeCapite, Vanessa	0.44	0.00	-0.30	-0.06	0.99	0.54	0.52
Dominguez, Lucio	1.34	0.00	-1.10	0.04	-0.76	-0.66	0.33
Garcia, Jessica	1.44	-0.10	-1.00	-0.86	-0.94	-0.56	0.20
Lonsway, Chris	-0.86	0.00	0.90	-0.96	0.55	0.54	0.52
McKenzie, Andrew	-0.76	0.00	-1.10	0.44	-1.38	0.24	0.39
Ragsdale, Kirt	0.54	0.00	-0.10	0.84	-0.59	-0.66	0.17
Rodriguez, Jesus (Jesse)	-0.76	0.00	-0.10	-1.76	-0.15	-0.46	0.20
Sanchez, Christopher	-0.86	0.00	-0.20	-0.86	-0.33	-0.66	0.17
MAXIMUM	1.34	0.00	-1.10	-0.96	1.43	-0.66	-2.24
MINIMUM	0.34	0.00	-0.10	0.04	-0.33	0.34	0.17
RANGE(MAX-MIN)	1.000	0.000	-1.000	-1.000	1.750	-1.000	-2.409
MEAN	0.000	0.000	0.000	0.000	0.000	0.000	0.000
STANDARD DEVIATION	0.894	0.100	0.705	0.737	1.000	0.619	1.000
N SIZE	17.000						

PART_ID	part_type	RATER	WPD	Yi
B6	GMOD PISTON	Allen, Duane	5.240	1.098
B6	GMOD PISTON	Austin, Philip	5.148	-0.782
B6	GMOD PISTON	Barrera, Tony	5.179	-0.165
B6	GMOD PISTON	Beard, Joe	5.102	-1.733
B6	GMOD PISTON	Blackwell,Kreed	5.042	-2.966
B6	GMOD PISTON	Cales, Jonathon	5.149	-0.780
B6	GMOD PISTON	Cervantes,Jonathan	5.065	-2.497
B6	GMOD PISTON	Chalkley, Gerald	5.254	1.388
B6	GMOD PISTON	Cumberworth, Lee	5.165	-0.445
B6	GMOD PISTON	DeCapite, Vanessa	5.111	-1.544
B6	GMOD PISTON	Dominguez, Lucio	5.168	-0.372
B6	GMOD PISTON	Garcia, Jessica	5.101	-1.750
B6	GMOD PISTON	Lonsway, Chris	5.177	-0.193
B6	GMOD PISTON	McKenzie, Andrew	5.196	0.201
B6	GMOD PISTON	Ragsdale, Kirt	5.244	1.182
B6	GMOD PISTON	Rodriguez, Jesus (Jesse)	5.086	-2.054
B6	GMOD PISTON	Sanchez, Christopher	5.172	-0.296

average	5.187
standard deviation	0.049

Lab Raters (September 28 - October 2, 2026)

Part ID= B7 - GMOD PISTON — Rated Values — * Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	THTOT	ATTOT
Allen ,Duane	0.82	8.47	9.76	1.05	9.39	9.76	9.80
Austin, Philip	0.80	8.34	9.80	1.22	9.38	9.80	9.80
Barrera, Tony	0.75	7.61	9.80	0.97	9.11	9.81	9.88
Beard, Joe	0.79	8.39	9.78	1.20	9.33	9.75	9.75
Blackwell,Kreed	0.80	8.65	9.80	1.24	9.26	9.90	9.90
Cales, Jonathon	0.83	8.22	9.90	1.15	9.29	9.90	9.90
Cervantes,Jonathan	0.79	8.23	9.80	0.98	9.31	9.80	9.80
Chalkley, Gerald	0.82	8.35	9.90	1.02	9.28	9.90	9.90
Cumberworth, Lee	0.77	8.04	9.80	1.26	9.46	9.80	9.80
DeCapite, Vanessa	0.82	8.17	9.81	1.03	9.39	9.88	9.90
Dominguez, Lucio	0.80	8.11	9.89	0.95	9.36	9.75	9.76
Garcia, Jessica	0.79	8.38	9.75	0.97	9.37	9.79	9.80
Lonsway, Chris	0.78	8.62	9.90	1.09	9.48	9.90	9.90
McKenzie, Andrew	0.77	7.46	9.73	1.00	8.98	9.78	9.78
Ragsdale, Kirt	0.83	8.34	9.80	1.61	9.32	9.80	9.76
Rodriguez, Jesus (Jesse)	0.77	8.31	9.80	0.86	9.35	9.70	9.90
Sanchez, Christopher	0.78	8.16	9.88	1.14	9.39	9.76	9.76
MAXIMUM	0.83	8.62	9.90	1.61	9.48	9.90	9.90
MINIMUM	0.75	7.61	9.80	0.95	9.11	9.75	9.76
RANGE(MAX-MIN)	0.080	1.010	0.100	0.660	0.370	0.150	0.140
MEAN	0.797	8.194	9.854	1.116	9.333	9.829	9.837
STANDARD DEVIATION	0.100	0.310	0.100	0.228	0.117	0.100	0.100
N SIZE	17.000						

Part ID= B7 - GMOD PISTON — B7 YI Values — * Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	THTOT	ATTOT
Allen ,Duane	0.23	0.89	-0.94	-0.29	0.49	-0.69	-0.37
Austin, Philip	0.03	0.47	-0.54	0.46	0.40	-0.29	-0.37
Barrera, Tony	-0.47	-1.88	-0.54	-0.64	-1.91	-0.19	0.43
Beard, Joe	-0.07	0.63	-0.74	0.37	-0.02	-0.79	-0.87
Blackwell,Kreed	0.03	1.47	-0.54	0.55	-0.63	0.71	0.63
Cales, Jonathon	0.33	0.08	0.46	0.15	-0.37	0.71	0.63
Cervantes,Jonathan	-0.07	0.12	-0.54	-0.60	-0.20	-0.29	-0.37
Chalkley, Gerald	0.23	0.50	0.46	-0.42	-0.45	0.71	0.63
Cumberworth, Lee	-0.27	-0.50	-0.54	0.63	1.09	-0.29	-0.37
DeCapite, Vanessa	0.23	-0.08	-0.44	-0.38	0.49	0.51	0.63
Dominguez, Lucio	0.03	-0.27	0.36	-0.73	0.23	-0.79	-0.77
Garcia, Jessica	-0.07	0.60	-1.04	-0.64	0.32	-0.39	-0.37
Lonsway, Chris	-0.17	1.37	0.46	-0.11	1.26	0.71	0.63
McKenzie, Andrew	-0.27	-2.37	-1.24	-0.51	-3.03	-0.49	-0.57
Ragsdale, Kirt	0.33	0.47	-0.54	2.17	-0.11	-0.29	-0.77
Rodriguez, Jesus (Jesse)	-0.27	0.37	-0.54	-1.12	0.15	-1.29	0.63
Sanchez, Christopher	-0.17	-0.11	0.26	0.11	0.49	-0.69	-0.77
MAXIMUM	-0.47	-1.88	-0.54	2.17	-1.91	-0.79	-0.77
MINIMUM	0.03	-0.08	0.26	0.11	-0.11	-0.19	0.43
RANGE(MAX-MIN)	-0.500	-1.806	-0.800	2.065	-1.801	-0.600	-1.200
MEAN	0.000	0.000	0.000	0.000	0.000	0.000	0.000
STANDARD DEVIATION	0.287	1.000	0.483	1.000	1.000	0.644	0.725
N SIZE	17.000						

PART_ID	part_type	RATER	WPD	Yi
B7	GMOD PISTON	Allen, Duane	6.227	0.934
B7	GMOD PISTON	Austin, Philip	6.157	0.371
B7	GMOD PISTON	Barrera, Tony	5.938	-1.367
B7	GMOD PISTON	Beard, Joe	6.153	0.342
B7	GMOD PISTON	Blackwell,Kreed	6.134	0.189
B7	GMOD PISTON	Cales, Jonathon	6.124	0.109
B7	GMOD PISTON	Cervantes,Jonathan	5.967	-1.134
B7	GMOD PISTON	Chalkley, Gerald	6.085	-0.197
B7	GMOD PISTON	Cumberworth, Lee	6.143	0.263
B7	GMOD PISTON	DeCapite, Vanessa	5.989	-0.964
B7	GMOD PISTON	Dominguez, Lucio	6.083	-0.214
B7	GMOD PISTON	Garcia, Jessica	6.091	-0.151
B7	GMOD PISTON	Lonsway, Chris	6.217	0.854
B7	GMOD PISTON	McKenzie, Andrew	5.900	-1.669
B7	GMOD PISTON	Ragsdale, Kirt	6.298	1.494
B7	GMOD PISTON	Rodriguez, Jesus (Jesse)	6.027	-0.656
B7	GMOD PISTON	Sanchez, Christopher	6.159	0.394

average	6.110
standard deviation	0.126

Lab Raters (September 28 - October 2, 2026)

Part ID= B8 - GMOD PISTON — Rated Values — * Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	UCTOT
Allen ,Duane	4.93
Austin, Philip	4.35
Barrera, Tony	4.76
Beard, Joe	4.46
Blackwell,Kreed	4.21
Cales, Jonathon	4.60
Cervantes,Jonathan	3.71
Chalkley, Gerald	4.43
Cumberworth, Lee	4.27
DeCapite, Vanessa	3.59
Dominguez, Lucio	4.53
Garcia, Jessica	4.26
Lonsway, Chris	4.40
McKenzie, Andrew	4.98
Ragsdale, Kirt	4.92
Rodriguez, Jesus (Jesse)	4.12
Sanchez, Christopher	4.65
MAXIMUM	4.92
MINIMUM	3.59
RANGE(MAX-MIN)	1.330
MEAN	4.469
STANDARD DEVIATION	0.429
N SIZE	17.000

Part ID= B8 - GMOD PISTON — B8 YI Values — * Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	UCTOT
Allen ,Duane	1.08
Austin, Philip	-0.28
Barrera, Tony	0.68
Beard, Joe	-0.02
Blackwell,Kreed	-0.60
Cales, Jonathon	0.31
Cervantes,Jonathan	-1.77
Chalkley, Gerald	-0.09
Cumberworth, Lee	-0.46
DeCapite, Vanessa	-2.05
Dominguez, Lucio	0.14
Garcia, Jessica	-0.49
Lonsway, Chris	-0.16
McKenzie, Andrew	1.19
Ragsdale, Kirt	1.05
Rodriguez, Jesus (Jesse)	-0.81
Sanchez, Christopher	0.42
MAXIMUM	-2.05
MINIMUM	-0.09
RANGE(MAX-MIN)	-1.959
MEAN	0.000
STANDARD DEVIATION	1.000
N SIZE	17.000

HighLight Key: Red= Greater than 2.0 Yi, Blue=Max Yi Value, Green=Minimum Yi Value

Lab Raters (September 28 - October 2, 2026)

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
Allen ,Duane	8.81	8.92	9.21	8.81	9.00	8.93	9.08	8.70
Austin, Philip	8.76	8.55	8.77	8.78	8.77	9.12	8.72	8.89
Barrera, Tony	9.10	8.83	9.09	8.73	9.06	9.12	9.02	8.99
Beard, Joe	9.00	8.94	9.02	8.73	9.07	8.97	8.89	8.91
Blackwell,Kreed	8.96	9.06	9.10	8.90	9.03	8.95	9.12	9.04
Cales, Jonathon	9.04	8.96	9.00	8.50	9.12	9.17	8.91	9.15
Cervantes,Jonathan	9.06	8.99	9.13	8.99	9.06	9.42	8.98	9.07
Chalkley, Gerald	8.94	8.86	8.97	8.65	9.17	9.29	8.94	9.20
Cumberworth, Lee	8.91	8.97	8.96	8.74	9.15	9.17	9.11	8.96
DeCapite, Vanessa	8.84	8.72	8.89	8.58	8.92	9.11	8.70	8.83
Dominguez, Lucio	8.68	8.65	8.83	8.55	9.03	9.01	8.75	8.85
Garcia, Jessica	8.81	8.75	8.87	8.49	8.99	9.12	8.80	8.82
Lonsway, Chris	8.74	8.61	8.77	8.67	8.89	9.15	8.69	8.85
McKenzie, Andrew	9.07	8.76	9.07	8.91	8.97	9.08	8.98	8.98
Ragsdale, Kirt	8.63	8.54	8.85	8.49	8.71	8.92	8.69	8.71
Rodriguez, Jesus (Jesse)	8.95	9.06	9.10	8.89	9.01	8.96	9.11	9.00
Sanchez, Christopher	8.76	8.88	8.99	8.86	9.11	9.29	9.07	9.12
MAXIMUM	9.10	8.88	9.09	8.86	9.17	9.29	9.07	9.20
MINIMUM	8.63	8.54	8.77	8.49	8.71	8.92	8.69	8.71
RANGE(MAX-MIN)	0.470	0.340	0.320	0.370	0.460	0.370	0.380	0.490
MEAN	8.813	8.727	8.913	8.647	8.984	9.127	8.837	8.936
STANDARD DEVIATION	0.250	0.250	0.250	0.250	0.250	0.250	0.250	0.250
N SIZE	17.000							

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
Allen ,Duane	-0.01	0.77	1.19	0.65	0.06	-0.79	0.97	-0.94
Austin, Philip	-0.21	-0.71	-0.57	0.53	-0.86	-0.03	-0.47	-0.18
Barrera, Tony	1.15	0.41	0.71	0.33	0.30	-0.03	0.73	0.22
Beard, Joe	0.75	0.85	0.43	0.33	0.34	-0.63	0.21	-0.10
Blackwell,Kreed	0.59	1.33	0.75	1.01	0.18	-0.71	1.13	0.42
Cales, Jonathon	0.91	0.93	0.35	-0.59	0.54	0.17	0.29	0.86
Cervantes,Jonathan	0.99	1.05	0.87	1.37	0.30	1.17	0.57	0.54
Chalkley, Gerald	0.51	0.53	0.23	0.01	0.74	0.65	0.41	1.06
Cumberworth, Lee	0.39	0.97	0.19	0.37	0.66	0.17	1.09	0.10
DeCapite, Vanessa	0.11	-0.03	-0.09	-0.27	-0.26	-0.07	-0.55	-0.42
Dominguez, Lucio	-0.53	-0.31	-0.33	-0.39	0.18	-0.47	-0.35	-0.34
Garcia, Jessica	-0.01	0.09	-0.17	-0.63	0.02	-0.03	-0.15	-0.46
Lonsway, Chris	-0.29	-0.47	-0.57	0.09	-0.38	0.09	-0.59	-0.34
McKenzie, Andrew	1.03	0.13	0.63	1.05	-0.06	-0.19	0.57	0.18
Ragsdale, Kirt	-0.73	-0.75	-0.25	-0.63	-1.10	-0.83	-0.59	-0.90
Rodriguez, Jesus (Jesse)	0.55	1.33	0.75	0.97	0.10	-0.67	1.09	0.26
Sanchez, Christopher	-0.21	0.61	0.31	0.85	0.50	0.65	0.93	0.74
MAXIMUM	1.15	-0.75	0.71	0.85	-1.10	-0.83	0.93	1.06
MINIMUM	0.11	-0.03	-0.09	0.01	0.18	-0.03	-0.35	0.22
RANGE(MAX-MIN)	1.040	-0.720	0.800	0.840	-1.280	-0.800	1.280	0.840
MEAN	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
STANDARD DEVIATION	0.650	0.533	0.439	0.494	0.625	0.543	0.669	0.700
N SIZE	17.000							

Lab Raters (September 28 - October 2, 2026)

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	
Allen ,Duane	9.19	9.42	9.51	9.39	9.33	9.22	9.08	9.04	
Austin, Philip	9.30	9.26	9.21	8.96	9.32	9.02	9.06	8.89	
Barrera, Tony	9.38	9.61	9.33	9.43	9.38	9.38	9.47	9.18	
Beard, Joe	9.31	9.37	9.39	9.39	9.40	9.13	9.33	9.02	
Blackwell,Kreed	9.51	9.50	9.34	9.23	9.30	9.13	8.97	8.76	
Cales, Jonathon	9.16	9.34	9.37	9.17	9.26	9.17	9.08	9.02	
Cervantes,Jonathan	9.25	9.51	9.42	9.47	9.46	9.52	9.41	9.30	
Chalkley, Gerald	9.29	9.32	9.30	9.38	9.30	9.23	9.21	9.09	
Cumberworth, Lee	9.23	9.41	9.52	9.48	9.09	9.25	9.11	8.75	
DeCapite, Vanessa	9.28	9.30	9.30	9.37	9.33	9.38	9.40	9.10	
Dominguez, Lucio	9.11	9.36	9.41	9.29	9.23	9.08	9.10	8.78	
Garcia, Jessica	9.43	9.34	9.45	9.23	9.20	9.11	9.19	8.64	
Lonsway, Chris	9.26	9.31	9.34	9.12	9.12	9.14	9.10	8.71	
McKenzie, Andrew	9.11	9.36	9.30	9.24	9.27	9.16	9.18	9.08	
Ragsdale, Kirt	8.94	9.33	9.34	9.29	9.18	9.21	9.12	9.00	
Rodriguez, Jesus (Jesse)	9.50	9.51	9.34	9.23	9.30	9.12	8.98	8.77	
Sanchez, Christopher	9.36	9.37	9.32	9.20	9.39	9.33	9.28	8.83	
MAXIMUM	9.38	9.37	9.41	9.43	9.39	9.38	9.47	9.18	
MINIMUM	8.94	9.30	9.30	9.12	9.12	9.08	9.10	8.71	
RANGE(MAX-MIN)	0.440	0.070	0.110	0.310	0.270	0.300	0.370	0.470	
MEAN	9.231	9.332	9.334	9.297	9.276	9.250	9.240	8.956	
STANDARD DEVIATION	0.250	0.250	0.250	0.250	0.250	0.250	0.250	0.250	
N SIZE	17.000								

Part ID= R1-8 - SEQ. VH PISTONS — R1-8 YI Values — * Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	P1MERI	P2MERI	P3MERI	P4MERI	P5MERI	P6MERI	P7MERI	P8MERI	
Allen ,Duane	-0.17	0.35	0.70	0.37	0.22	-0.12	-0.64	0.34	
Austin, Philip	0.27	-0.29	-0.50	-1.35	0.18	-0.92	-0.72	-0.26	
Barrera, Tony	0.59	1.11	-0.02	0.53	0.42	0.52	0.92	0.90	
Beard, Joe	0.31	0.15	0.22	0.37	0.50	-0.48	0.36	0.26	
Blackwell,Kreed	1.11	0.67	0.02	-0.27	0.10	-0.48	-1.08	-0.78	
Cales, Jonathon	-0.29	0.03	0.14	-0.51	-0.06	-0.32	-0.64	0.26	
Cervantes,Jonathan	0.07	0.71	0.34	0.69	0.74	1.08	0.68	1.38	
Chalkley, Gerald	0.23	-0.05	-0.14	0.33	0.10	-0.08	-0.12	0.54	
Cumberworth, Lee	-0.01	0.31	0.74	0.73	-0.74	0.00	-0.52	-0.82	
DeCapite, Vanessa	0.19	-0.13	-0.14	0.29	0.22	0.52	0.64	0.58	
Dominguez, Lucio	-0.49	0.11	0.30	-0.03	-0.18	-0.68	-0.56	-0.70	
Garcia, Jessica	0.79	0.03	0.46	-0.27	-0.30	-0.56	-0.20	-1.26	
Lonsway, Chris	0.11	-0.09	0.02	-0.71	-0.62	-0.44	-0.56	-0.98	
McKenzie, Andrew	-0.49	0.11	-0.14	-0.23	-0.02	-0.36	-0.24	0.50	
Ragsdale, Kirt	-1.17	-0.01	0.02	-0.03	-0.38	-0.16	-0.48	0.18	
Rodriguez, Jesus (Jesse)	1.07	0.71	0.02	-0.27	0.10	-0.52	-1.04	-0.74	
Sanchez, Christopher	0.51	0.15	-0.06	-0.39	0.46	0.32	0.16	-0.50	
MAXIMUM	-1.17	0.15	0.30	-0.71	-0.62	-0.68	0.92	-0.98	
MINIMUM	0.11	-0.01	-0.02	-0.03	0.10	-0.08	-0.12	0.18	
RANGE(MAX-MIN)	-1.280	0.160	0.320	-0.680	-0.720	-0.600	1.040	-1.160	
MEAN	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
STANDARD DEVIATION	0.622	0.111	0.149	0.434	0.410	0.471	0.599	0.727	
N SIZE	17.000								

Lab Raters (September 28 - October 2, 2026)

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
Austin, Philip	8.07	8.52	8.46	8.15	8.02	8.08	7.96	8.39
Barrera, Tony	8.64	8.76	8.64	8.45	8.38	8.39	8.43	8.63
Chalkley, Gerald	8.18	8.68	8.58	7.99	8.10	8.04	8.05	8.29
DeCapite, Vanessa	8.38	8.59	8.55	8.07	8.21	8.12	8.01	8.32
Dominguez, Lucio	8.32	8.40	8.41	7.93	8.19	7.99	7.91	8.15
Lonsway, Chris	8.34	8.33	8.56	7.60	8.07	8.03	8.34	8.18
Ragsdale, Kirt	8.32	8.61	8.29	8.20	8.28	8.09	7.93	8.25
Sanchez, Christopher	8.39	8.65	8.33	8.28	8.24	8.06	7.95	8.23
MAXIMUM	8.64	8.76	8.64	8.45	8.38	8.39	8.43	8.63
MINIMUM	8.18	8.33	8.29	7.60	8.07	7.99	7.91	8.15
RANGE(MAX-MIN)	0.460	0.430	0.350	0.850	0.310	0.400	0.520	0.480
MEAN	8.367	8.574	8.480	8.074	8.210	8.103	8.089	8.293
STANDARD DEVIATION	0.250	0.250	0.250	0.250	0.250	0.250	0.250	0.250
N SIZE	8.000							

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
Austin, Philip	-1.19	-0.22	-0.08	0.30	-0.76	-0.09	-0.51	0.39
Barrera, Tony	1.09	0.74	0.64	1.50	0.68	1.15	1.37	1.35
Chalkley, Gerald	-0.75	0.42	0.40	-0.34	-0.44	-0.25	-0.15	-0.01
DeCapite, Vanessa	0.05	0.06	0.28	-0.02	0.00	0.07	-0.31	0.11
Dominguez, Lucio	-0.19	-0.70	-0.28	-0.58	-0.08	-0.45	-0.71	-0.57
Lonsway, Chris	-0.11	-0.98	0.32	-1.90	-0.56	-0.29	1.01	-0.45
Ragsdale, Kirt	-0.19	0.14	-0.76	0.50	0.28	-0.05	-0.63	-0.17
Sanchez, Christopher	0.09	0.30	-0.60	0.82	0.12	-0.17	-0.55	-0.25
MAXIMUM	1.09	-0.98	-0.76	-1.90	0.68	1.15	1.37	1.35
MINIMUM	0.05	0.06	0.28	-0.02	0.00	-0.05	-0.15	-0.01
RANGE(MAX-MIN)	1.040	-1.040	-1.040	-1.880	0.680	1.200	1.520	1.360
MEAN	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
STANDARD DEVIATION	0.555	0.617	0.543	1.098	0.422	0.534	0.839	0.639
N SIZE	8.000							

HighLight Key: Red= Greater than 2.0 Yi, Blue=Max Yi Value, Green=Minimum Yi Value

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Lab Raters (September 28 - October 2, 2026)

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
Allen ,Duane	35.50	39.75	19.25	16.75	6.25	9.50
Austin, Philip	35.00	36.50	17.25	16.00	7.50	7.50
Barrera, Tony	40.75	38.00	11.00	11.00	4.25	4.00
Beard, Joe	35.50	35.00	12.75	16.50	7.50	7.00
Blackwell,Kreed	34.75	35.00	15.25	16.25	4.75	3.50
Cervantes,Jonathan	37.50	29.75	16.50	18.50	5.00	4.75
Chalkley, Gerald	35.00	32.50	15.75	13.75	8.75	8.00
Cumberworth, Lee	33.00	37.00	14.75	14.75	7.50	6.00
DeCapite, Vanessa	35.75	32.25	14.75	15.25	8.00	7.00
Dominguez, Lucio	34.50	35.75	15.75	18.50	6.25	6.00
Garcia, Jessica	35.75	35.25	16.50	13.25	6.50	6.50
Lonsway, Chris	29.50	39.00	11.50	11.25	3.50	4.75
Ragsdale, Kirt	41.75	37.50	15.00	14.75	7.25	8.00
Sanchez, Christopher	39.25	31.75	14.00	19.25	6.25	4.50
MAXIMUM	41.75	39.00	15.75	19.25	8.75	8.00
MINIMUM	29.50	31.75	11.00	11.00	3.50	4.00
RANGE(MAX-MIN)	12.250	7.250	4.750	8.250	5.250	4.000
MEAN	36.643	35.250	13.964	14.821	6.321	6.036
STANDARD DEVIATION	4.259	3.048	1.955	3.210	1.908	1.673
N SIZE	14.000					

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
Allen ,Duane	-0.27	1.48	2.70	0.60	-0.04	2.07
Austin, Philip	-0.39	0.41	1.68	0.37	0.62	0.88
Barrera, Tony	0.96	0.90	-1.52	-1.19	-1.09	-1.22
Beard, Joe	-0.27	-0.08	-0.62	0.52	0.62	0.58
Blackwell,Kreed	-0.44	-0.08	0.66	0.45	-0.82	-1.52
Cervantes,Jonathan	0.20	-1.80	1.30	1.15	-0.69	-0.77
Chalkley, Gerald	-0.39	-0.90	0.91	-0.33	1.27	1.17
Cumberworth, Lee	-0.86	0.57	0.40	-0.02	0.62	-0.02
DeCapite, Vanessa	-0.21	-0.98	0.40	0.13	0.88	0.58
Dominguez, Lucio	-0.50	0.16	0.91	1.15	-0.04	-0.02
Garcia, Jessica	-0.21	0.00	1.30	-0.49	0.09	0.28
Lonsway, Chris	-1.68	1.23	-1.26	-1.11	-1.48	-0.77
Ragsdale, Kirt	1.20	0.74	0.53	-0.02	0.49	1.17
Sanchez, Christopher	0.61	-1.15	0.02	1.38	-0.04	-0.92
MAXIMUM	-1.68	1.23	-1.52	1.38	-1.48	-1.22
MINIMUM	-0.21	0.16	0.02	-0.02	-0.04	-0.02
RANGE(MAX-MIN)	-1.467	1.066	-1.535	1.402	-1.442	-1.195
MEAN	0.000	0.000	0.000	0.000	0.000	0.000
STANDARD DEVIATION	1.000	1.000	1.000	1.000	1.000	1.000
N SIZE	14.000					

HighLight Key: Red= Greater than 2.0 Yi, Blue=Max Yi Value, Green=Minimum Yi Value

Lab Raters (September 28 - October 2, 2026)

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
Allen ,Duane	4.25	8.00	3.75	8.75	46.25	~~31.25~~
Austin, Philip	6.00	12.50	3.00	14.25	26.50	17.25
Barrera, Tony	3.00	9.00	2.25	12.25	33.00	20.00
Beard, Joe	2.75	8.00	2.00	7.75	25.50	17.00
Blackwell,Kreed	4.25	14.75	2.50	15.75	29.75	20.25
Cervantes,Jonathan	2.50	16.25	1.75	9.25	40.25	13.75
Chalkley, Gerald	7.25	11.25	3.75	10.00	26.25	18.25
Cumberworth, Lee	5.50	11.75	3.25	12.75	32.25	17.00
DeCapite, Vanessa	5.75	11.25	3.00	11.25	23.75	18.50
Dominguez, Lucio	4.50	12.50	2.75	16.25	33.00	21.25
Garcia, Jessica	5.00	16.00	3.00	14.50	33.25	21.00
Lonsway, Chris	2.75	8.25	1.00	7.50	20.25	13.75
Ragsdale, Kirt	5.75	12.50	3.25	15.75	35.00	19.75
Sanchez, Christopher	5.25	15.00	3.25	15.50	35.25	19.50
MAXIMUM	7.25	15.00	3.75	16.25	35.25	21.25
MINIMUM	2.75	8.25	1.00	7.50	20.25	13.75
RANGE(MAX-MIN)	4.500	6.750	2.750	8.750	15.000	7.500
MEAN	4.893	11.393	2.750	12.643	29.500	18.714
STANDARD DEVIATION	1.606	2.277	0.901	3.326	6.014	2.404
N SIZE	14.000					

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
Allen ,Duane	-0.40	-1.49	1.11	-1.17	2.79	~~5.21~~
Austin, Philip	0.69	0.49	0.28	0.48	-0.50	-0.61
Barrera, Tony	-1.18	-1.05	-0.55	-0.12	0.58	0.53
Beard, Joe	-1.33	-1.49	-0.83	-1.47	-0.67	-0.71
Blackwell,Kreed	-0.40	1.47	-0.28	0.93	0.04	0.64
Cervantes,Jonathan	-1.49	2.13	-1.11	-1.02	1.79	-2.06
Chalkley, Gerald	1.47	-0.06	1.11	-0.79	-0.54	-0.19
Cumberworth, Lee	0.38	0.16	0.55	0.03	0.46	-0.71
DeCapite, Vanessa	0.53	-0.06	0.28	-0.42	-0.96	-0.09
Dominguez, Lucio	-0.24	0.49	0.00	1.08	0.58	1.05
Garcia, Jessica	0.07	2.02	0.28	0.56	0.62	0.95
Lonsway, Chris	-1.33	-1.38	-1.94	-1.55	-1.54	-2.06
Ragsdale, Kirt	0.53	0.49	0.55	0.93	0.91	0.43
Sanchez, Christopher	0.22	1.58	0.55	0.86	0.96	0.33
MAXIMUM	1.47	1.58	-1.94	-1.55	-1.54	-2.06
MINIMUM	0.22	-0.06	0.00	-0.12	-0.54	-0.09
RANGE(MAX-MIN)	1.245	1.647	-1.942	-1.428	-0.998	-1.976
MEAN	0.000	0.000	0.000	0.000	0.000	0.000
STANDARD DEVIATION	1.000	1.000	1.000	1.000	1.000	1.000
N SIZE	14.000					

HighLight Key: Red= Greater than 2.0 Yi, Blue=Max Yi Value, Green=Minimum Yi Value

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Lab Raters (September 28 - October 2, 2026)

Part ID= L1-6 - C13 2ND RING CARBON — Rated Values — * Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	R1DEME	R2DEME	R3DEME	R4DEME	R5DEME	R6DEME
Allen ,Duane	28.00	6.25	41.25	7.50	34.50	~~66.25~~
Austin, Philip	23.25	6.25	35.00	7.00	26.75	25.75
Barrera, Tony	42.25	5.50	42.75	4.25	42.75	39.75
Blackwell,Kreed	24.50	6.00	48.75	8.00	39.25	27.50
Cervantes,Jonathan	20.25	4.00	41.25	~~23.75~~	31.75	30.00
Chalkley, Gerald	31.50	6.75	32.00	6.50	30.50	26.00
Cumberworth, Lee	36.00	7.50	44.75	5.75	28.25	29.00
DeCapite, Vanessa	21.50	7.25	32.50	5.00	30.50	25.50
Dominguez, Lucio	31.75	5.00	40.25	4.75	32.00	30.75
Garcia, Jessica	33.00	4.50	47.75	4.00	33.25	31.25
Lonsway, Chris	29.00	4.00	35.00	3.00	25.00	24.00
Ragsdale, Kirt	38.75	7.25	41.50	7.50	34.50	34.25
Sanchez, Christopher	37.50	7.00	45.25	6.75	38.75	28.75
MAXIMUM	42.25	7.25	45.25	7.50	42.75	39.75
MINIMUM	21.50	4.00	32.00	3.00	25.00	24.00
RANGE(MAX-MIN)	20.750	3.250	13.250	4.500	17.750	15.750
MEAN	33.179	6.107	38.464	5.393	33.429	29.857
STANDARD DEVIATION	6.961	1.282	5.263	1.587	5.868	5.588
N SIZE	13.000					

Part ID= L1-6 - C13 2ND RING CARBON — L1-6 YI Values — * Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	R1DEME	R2DEME	R3DEME	R4DEME	R5DEME	R6DEME
Allen ,Duane	-0.74	0.11	0.53	1.33	0.18	~~6.51~~
Austin, Philip	-1.43	0.11	-0.66	1.01	-1.14	-0.74
Barrera, Tony	1.30	-0.47	0.81	-0.72	1.59	1.77
Blackwell,Kreed	-1.25	-0.08	1.95	1.64	0.99	-0.42
Cervantes,Jonathan	-1.86	-1.64	0.53	~~11.57~~	-0.29	0.03
Chalkley, Gerald	-0.24	0.50	-1.23	0.70	-0.50	-0.69
Cumberworth, Lee	0.41	1.09	1.19	0.23	-0.88	-0.15
DeCapite, Vanessa	-1.68	0.89	-1.13	-0.25	-0.50	-0.78
Dominguez, Lucio	-0.21	-0.86	0.34	-0.41	-0.24	0.16
Garcia, Jessica	-0.03	-1.25	1.76	-0.88	-0.03	0.25
Lonsway, Chris	-0.60	-1.64	-0.66	-1.51	-1.44	-1.05
Ragsdale, Kirt	0.80	0.89	0.58	1.33	0.18	0.79
Sanchez, Christopher	0.62	0.70	1.29	0.86	0.91	-0.20
MAXIMUM	-1.68	-1.64	1.29	-1.51	1.59	1.77
MINIMUM	-0.21	-0.47	0.34	-0.25	0.18	0.16
RANGE(MAX-MIN)	-1.473	-1.170	0.950	-1.260	1.406	1.611
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	13.000					

HighLight Key: Red= Greater than 2.0 Yi, Blue=Max Yi Value, Green=Minimum Yi Value

Lab Raters (September 28 - October 2, 2026)

Part ID= ISMOP - ISM OIL PAN — Rated Values — * Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	TOTALS
Allen ,Duane	9.21
Austin, Philip	9.36
Barrera, Tony	9.11
Beard, Joe	9.35
Cales, Jonathon	9.50
Chalkley, Gerald	9.30
Cumberworth, Lee	9.34
DeCapite, Vanessa	9.21
Dominguez, Lucio	9.22
Lonsway, Chris	9.25
McKenzie, Andrew	9.31
Ragsdale, Kirt	9.21
Rodriguez, Jesus (Jesse)	9.66
Sanchez, Christopher	9.24
MAXIMUM	9.30
MINIMUM	9.11
RANGE(MAX-MIN)	0.190
MEAN	9.220
STANDARD DEVIATION	0.150
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
Allen ,Duane	-0.07
Austin, Philip	0.93
Barrera, Tony	-0.73
Beard, Joe	0.87
Cales, Jonathon	1.87
Chalkley, Gerald	0.53
Cumberworth, Lee	0.80
DeCapite, Vanessa	-0.07
Dominguez, Lucio	0.00
Lonsway, Chris	0.20
McKenzie, Andrew	0.60
Ragsdale, Kirt	-0.07
Rodriguez, Jesus (Jesse)	2.93
Sanchez, Christopher	0.13
MAXIMUM	-0.73
MINIMUM	0.00
RANGE(MAX-MIN)	-0.733
MEAN	0.000
STANDARD DEVIATION	0.385
N SIZE	14.000

Lab Raters (September 28 - October 2, 2026)

Part ID= ISMRC - ISM ROCKER COVER | Rated Values | * Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	TOTALS
Allen ,Duane	9.56
Austin, Philip	9.55
Barrera, Tony	9.50
Beard, Joe	9.61
Cales, Jonathon	9.30
Chalkley, Gerald	9.50
Cumberworth, Lee	9.47
DeCapite, Vanessa	9.45
Dominguez, Lucio	9.35
Lonsway, Chris	9.50
McKenzie, Andrew	9.75
Ragsdale, Kirt	9.38
Rodriguez, Jesus (Jesse)	9.29
Sanchez, Christopher	9.41
MAXIMUM	9.50
MINIMUM	9.35
RANGE(MAX-MIN)	0.150
MEAN	9.441
STANDARD DEVIATION	0.150
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
Allen ,Duane	0.79
Austin, Philip	0.72
Barrera, Tony	0.39
Beard, Joe	1.12
Cales, Jonathon	-0.94
Chalkley, Gerald	0.39
Cumberworth, Lee	0.19
DeCapite, Vanessa	0.06
Dominguez, Lucio	-0.61
Lonsway, Chris	0.39
McKenzie, Andrew	2.06
Ragsdale, Kirt	-0.41
Rodriguez, Jesus (Jesse)	-1.01
Sanchez, Christopher	-0.21
MAXIMUM	-0.61
MINIMUM	0.06
RANGE(MAX-MIN)	-0.667
MEAN	0.000
STANDARD DEVIATION	0.417
N SIZE	14.000

Part ID	rater	ASR	Yi
ISM	Allen, Duane	9.39	0.000
ISM	Austin, Philip	9.46	0.903
ISM	Barrera, Tony	9.3	-1.160
ISM	Beard, Joe	9.48	1.160
ISM	Cales, Jonathon	9.4	0.129
ISM	Chalkley, Gerald	9.4	0.129
ISM	Cumberworth, Lee	9.41	0.258
ISM	DeCapite, Vanessa	9.33	-0.774
ISM	Dominguez, Lucio	9.28	-1.418
ISM	Lonsway, Chris	9.38	-0.129
ISM	McKenzie, Andrew	9.53	1.805
ISM	Ragsdale, Kirt	9.3	-1.160
ISM	Rodriguez, Jesus (Jesse)	9.48	1.160
ISM	Sanchez, Christopher	9.32	-0.903

Mean	9.390
Standard Deviation	0.078

Lab Raters (September 28 - October 2, 2026)

Part ID= VOP - OIL PAN SLUDGE | Rated Values | * Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	TOTALS
Allen ,Duane	9.49
Austin, Philip	9.66
Barrera, Tony	9.67
Beard, Joe	9.45
Blackwell,Kreed	9.48
Cales, Jonathon	9.50
Cervantes,Jonathan	9.48
Chalkley, Gerald	9.54
Cumberworth, Lee	9.58
DeCapite, Vanessa	9.37
Dominguez, Lucio	9.43
Garcia, Jessica	9.53
Lonsway, Chris	9.55
McKenzie, Andrew	9.50
Ragsdale, Kirt	9.42
Rodriguez, Jesus (Jesse)	9.66
Sanchez, Christopher	9.52
MAXIMUM	9.67
MINIMUM	9.37
RANGE(MAX-MIN)	0.300
MEAN	9.500
STANDARD DEVIATION	0.150
N SIZE	17.000

Part ID= VOP - OIL PAN SLUDGE | VOP YI Values | * Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	TOTALS
Allen ,Duane	-0.07
Austin, Philip	1.07
Barrera, Tony	1.13
Beard, Joe	-0.33
Blackwell,Kreed	-0.13
Cales, Jonathon	0.00
Cervantes,Jonathan	-0.13
Chalkley, Gerald	0.27
Cumberworth, Lee	0.53
DeCapite, Vanessa	-0.87
Dominguez, Lucio	-0.47
Garcia, Jessica	0.20
Lonsway, Chris	0.33
McKenzie, Andrew	0.00
Ragsdale, Kirt	-0.53
Rodriguez, Jesus (Jesse)	1.07
Sanchez, Christopher	0.13
MAXIMUM	1.13
MINIMUM	0.13
RANGE(MAX-MIN)	1.000
MEAN	0.000
STANDARD DEVIATION	0.675
N SIZE	17.000

Lab Raters (September 28 - October 2, 2026)

Part ID= VOPB - OIL PAN BFL SLUDGE | Rated Values | * Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	TOTALS
Allen ,Duane	9.56
Austin, Philip	9.54
Barrera, Tony	9.75
Beard, Joe	9.67
Blackwell,Kreed	9.54
Cales, Jonathon	9.50
Cervantes,Jonathan	9.54
Chalkley, Gerald	9.50
Cumberworth, Lee	9.63
DeCapite, Vanessa	9.45
Dominguez, Lucio	9.50
Garcia, Jessica	9.52
Lonsway, Chris	9.50
McKenzie, Andrew	9.50
Ragsdale, Kirt	9.42
Rodriguez, Jesus (Jesse)	9.74
Sanchez, Christopher	9.50
MAXIMUM	9.75
MINIMUM	9.42
RANGE(MAX-MIN)	0.330
MEAN	9.517
STANDARD DEVIATION	0.150
N SIZE	17.000

Part ID= VOPB - OIL PAN BFL SLUDGE | VOPB YI Values | * Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	TOTALS
Allen ,Duane	0.29
Austin, Philip	0.15
Barrera, Tony	1.55
Beard, Joe	1.02
Blackwell,Kreed	0.15
Cales, Jonathon	-0.11
Cervantes,Jonathan	0.15
Chalkley, Gerald	-0.11
Cumberworth, Lee	0.75
DeCapite, Vanessa	-0.45
Dominguez, Lucio	-0.11
Garcia, Jessica	0.02
Lonsway, Chris	-0.11
McKenzie, Andrew	-0.11
Ragsdale, Kirt	-0.65
Rodriguez, Jesus (Jesse)	1.49
Sanchez, Christopher	-0.11
MAXIMUM	1.55
MINIMUM	-0.11
RANGE(MAX-MIN)	1.667
MEAN	0.000
STANDARD DEVIATION	0.717
N SIZE	17.000

Lab Raters (September 28 - October 2, 2026)

Part ID= VRCBL - RC BFL SLUDGE L | Rated Values | * Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	TOTALS
Allen ,Duane	9.43
Austin, Philip	9.51
Barrera, Tony	9.75
Beard, Joe	9.52
Blackwell,Kreed	9.47
Cales, Jonathon	9.50
Cervantes,Jonathan	9.47
Chalkley, Gerald	9.50
Cumberworth, Lee	9.55
DeCapite, Vanessa	9.43
Dominguez, Lucio	9.47
Garcia, Jessica	9.47
Lonsway, Chris	9.32
McKenzie, Andrew	9.50
Ragsdale, Kirt	9.48
Rodriguez, Jesus (Jesse)	9.56
Sanchez, Christopher	9.48
MAXIMUM	9.75
MINIMUM	9.32
RANGE(MAX-MIN)	0.430
MEAN	9.490
STANDARD DEVIATION	0.150
N SIZE	17.000

Part ID= VRCBL - RC BFL SLUDGE L | VRCBL YI Values | * Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	TOTALS
Allen ,Duane	-0.40
Austin, Philip	0.13
Barrera, Tony	1.73
Beard, Joe	0.20
Blackwell,Kreed	-0.13
Cales, Jonathon	0.07
Cervantes,Jonathan	-0.13
Chalkley, Gerald	0.07
Cumberworth, Lee	0.40
DeCapite, Vanessa	-0.40
Dominguez, Lucio	-0.13
Garcia, Jessica	-0.13
Lonsway, Chris	-1.13
McKenzie, Andrew	0.07
Ragsdale, Kirt	-0.07
Rodriguez, Jesus (Jesse)	0.47
Sanchez, Christopher	-0.07
MAXIMUM	1.73
MINIMUM	0.07
RANGE(MAX-MIN)	1.667
MEAN	0.000
STANDARD DEVIATION	0.864
N SIZE	17.000

Lab Raters (September 28 - October 2, 2026)

Part ID= VRCBR - RC BFL SLUDGE R | Rated Values | * Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	TOTALS
Allen ,Duane	9.30
Austin, Philip	9.54
Barrera, Tony	9.69
Beard, Joe	9.49
Blackwell,Kreed	9.38
Cales, Jonathon	9.47
Cervantes,Jonathan	9.38
Chalkley, Gerald	9.47
Cumberworth, Lee	9.45
DeCapite, Vanessa	9.35
Dominguez, Lucio	9.50
Garcia, Jessica	9.40
Lonsway, Chris	9.37
McKenzie, Andrew	9.47
Ragsdale, Kirt	9.43
Rodriguez, Jesus (Jesse)	9.33
Sanchez, Christopher	9.50
MAXIMUM	9.69
MINIMUM	9.35
RANGE(MAX-MIN)	0.340
MEAN	9.473
STANDARD DEVIATION	0.150
N SIZE	17.000

Part ID= VRCBR - RC BFL SLUDGE R | VRCBR YI Values | * Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	TOTALS
Allen ,Duane	-1.15
Austin, Philip	0.45
Barrera, Tony	1.45
Beard, Joe	0.11
Blackwell,Kreed	-0.62
Cales, Jonathon	-0.02
Cervantes,Jonathan	-0.62
Chalkley, Gerald	-0.02
Cumberworth, Lee	-0.15
DeCapite, Vanessa	-0.82
Dominguez, Lucio	0.18
Garcia, Jessica	-0.49
Lonsway, Chris	-0.69
McKenzie, Andrew	-0.02
Ragsdale, Kirt	-0.29
Rodriguez, Jesus (Jesse)	-0.95
Sanchez, Christopher	0.18
MAXIMUM	1.45
MINIMUM	-0.02
RANGE(MAX-MIN)	1.467
MEAN	0.000
STANDARD DEVIATION	0.751
N SIZE	17.000

Lab Raters (September 28 - October 2, 2026)

Part ID= VRCBVL - RC BFL VARN L | Rated Values | * Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	AVERAG
Allen ,Duane	9.23
Austin, Philip	~~8.66~~
Barrera, Tony	9.67
Beard, Joe	9.25
Blackwell,Kreed	9.67
Cales, Jonathon	9.53
Cervantes,Jonathan	9.67
Chalkley, Gerald	9.45
Cumberworth, Lee	9.26
DeCapite, Vanessa	9.42
Dominguez, Lucio	9.48
Garcia, Jessica	9.67
Lonsway, Chris	9.57
McKenzie, Andrew	9.45
Ragsdale, Kirt	9.48
Rodriguez, Jesus (Jesse)	9.73
Sanchez, Christopher	9.48
MAXIMUM	9.67
MINIMUM	9.42
RANGE(MAX-MIN)	0.250
MEAN	9.507
STANDARD DEVIATION	0.250
N SIZE	17.000

Part ID= VRCBVL - RC BFL VARN L | VRCBVL YI Values | * Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	AVERAG
Allen ,Duane	-1.11
Austin, Philip	~~-3.39~~
Barrera, Tony	0.65
Beard, Joe	-1.03
Blackwell,Kreed	0.65
Cales, Jonathon	0.09
Cervantes,Jonathan	0.65
Chalkley, Gerald	-0.23
Cumberworth, Lee	-0.99
DeCapite, Vanessa	-0.35
Dominguez, Lucio	-0.11
Garcia, Jessica	0.65
Lonsway, Chris	0.25
McKenzie, Andrew	-0.23
Ragsdale, Kirt	-0.11
Rodriguez, Jesus (Jesse)	0.89
Sanchez, Christopher	-0.11
MAXIMUM	0.65
MINIMUM	-0.11
RANGE(MAX-MIN)	0.760
MEAN	0.000
STANDARD DEVIATION	0.341
N SIZE	17.000

Lab Raters (September 28 - October 2, 2026)

Part ID= VRCBVR - RC BFL VARN R — Rated Values — * Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	AVERAG
Allen ,Duane	8.31
Austin, Philip	8.14
Barrera, Tony	8.57
Beard, Joe	8.62
Blackwell,Kreed	9.28
Cales, Jonathon	8.79
Cervantes,Jonathan	9.28
Chalkley, Gerald	8.92
Cumberworth, Lee	8.28
DeCapite, Vanessa	8.52
Dominguez, Lucio	8.81
Garcia, Jessica	9.28
Lonsway, Chris	8.14
McKenzie, Andrew	8.79
Ragsdale, Kirt	9.28
Rodriguez, Jesus (Jesse)	8.38
Sanchez, Christopher	8.67
MAXIMUM	9.28
MINIMUM	8.14
RANGE(MAX-MIN)	1.140
MEAN	8.701
STANDARD DEVIATION	0.356
N SIZE	17.000

Part ID= VRCBVR - RC BFL VARN R — VRCBVR YI Values — * Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	AVERAG
Allen ,Duane	-1.10
Austin, Philip	-1.58
Barrera, Tony	-0.37
Beard, Joe	-0.23
Blackwell,Kreed	1.62
Cales, Jonathon	0.25
Cervantes,Jonathan	1.62
Chalkley, Gerald	0.61
Cumberworth, Lee	-1.18
DeCapite, Vanessa	-0.51
Dominguez, Lucio	0.30
Garcia, Jessica	1.62
Lonsway, Chris	-1.58
McKenzie, Andrew	0.25
Ragsdale, Kirt	1.62
Rodriguez, Jesus (Jesse)	-0.90
Sanchez, Christopher	-0.09
MAXIMUM	1.62
MINIMUM	-0.09
RANGE(MAX-MIN)	1.713
MEAN	0.000
STANDARD DEVIATION	1.000
N SIZE	17.000

Lab Raters (September 28 - October 2, 2026)

Part ID= VRCL - RC SLUDGE L — Rated Values — * Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	TOTALS
Allen ,Duane	9.70
Austin, Philip	9.81
Barrera, Tony	9.50
Beard, Joe	9.69
Blackwell,Kreed	9.53
Cales, Jonathon	9.78
Cervantes,Jonathan	9.50
Chalkley, Gerald	9.78
Cumberworth, Lee	9.65
DeCapite, Vanessa	9.74
Dominguez, Lucio	9.74
Garcia, Jessica	9.66
Lonsway, Chris	9.89
McKenzie, Andrew	9.78
Ragsdale, Kirt	9.73
Rodriguez, Jesus (Jesse)	9.73
Sanchez, Christopher	9.67
MAXIMUM	9.89
MINIMUM	9.50
RANGE(MAX-MIN)	0.390
MEAN	9.721
STANDARD DEVIATION	0.150
N SIZE	17.000

Part ID= VRCL - RC SLUDGE L — VRCL YI Values — * Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	TOTALS
Allen ,Duane	-0.14
Austin, Philip	0.59
Barrera, Tony	-1.48
Beard, Joe	-0.21
Blackwell,Kreed	-1.28
Cales, Jonathon	0.39
Cervantes,Jonathan	-1.48
Chalkley, Gerald	0.39
Cumberworth, Lee	-0.48
DeCapite, Vanessa	0.12
Dominguez, Lucio	0.12
Garcia, Jessica	-0.41
Lonsway, Chris	1.12
McKenzie, Andrew	0.39
Ragsdale, Kirt	0.06
Rodriguez, Jesus (Jesse)	0.06
Sanchez, Christopher	-0.34
MAXIMUM	-1.48
MINIMUM	0.06
RANGE(MAX-MIN)	-1.533
MEAN	0.000
STANDARD DEVIATION	0.790
N SIZE	17.000

Lab Raters (September 28 - October 2, 2026)

Part ID= VRCR - RC SLUDGE R — Rated Values — * Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	TOTALS
Allen ,Duane	9.46
Austin, Philip	9.69
Barrera, Tony	9.66
Beard, Joe	9.50
Blackwell,Kreed	9.70
Cales, Jonathon	9.65
Cervantes,Jonathan	9.70
Chalkley, Gerald	9.65
Cumberworth, Lee	9.57
DeCapite, Vanessa	9.51
Dominguez, Lucio	9.53
Garcia, Jessica	9.57
Lonsway, Chris	9.58
McKenzie, Andrew	9.65
Ragsdale, Kirt	9.46
Rodriguez, Jesus (Jesse)	9.57
Sanchez, Christopher	9.55
MAXIMUM	9.66
MINIMUM	9.46
RANGE(MAX-MIN)	0.200
MEAN	9.563
STANDARD DEVIATION	0.150
N SIZE	17.000

Part ID= VRCR - RC SLUDGE R — VRCR YI Values — * Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	TOTALS
Allen ,Duane	-0.69
Austin, Philip	0.85
Barrera, Tony	0.65
Beard, Joe	-0.42
Blackwell,Kreed	0.91
Cales, Jonathon	0.58
Cervantes,Jonathan	0.91
Chalkley, Gerald	0.58
Cumberworth, Lee	0.05
DeCapite, Vanessa	-0.35
Dominguez, Lucio	-0.22
Garcia, Jessica	0.05
Lonsway, Chris	0.11
McKenzie, Andrew	0.58
Ragsdale, Kirt	-0.69
Rodriguez, Jesus (Jesse)	0.05
Sanchez, Christopher	-0.09
MAXIMUM	-0.69
MINIMUM	-0.09
RANGE(MAX-MIN)	-0.600
MEAN	0.000
STANDARD DEVIATION	0.486
N SIZE	17.000

Lab Raters (September 28 - October 2, 2026)

Part ID= VTCC - TC CVR SLUDGE | Rated Values | * Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	TOTALS
Allen ,Duane	9.48
Austin, Philip	9.65
Barrera, Tony	9.65
Beard, Joe	9.54
Blackwell,Kreed	9.40
Cales, Jonathon	9.48
Cervantes,Jonathan	9.40
Chalkley, Gerald	9.48
Cumberworth, Lee	9.50
DeCapite, Vanessa	9.44
Dominguez, Lucio	9.44
Garcia, Jessica	9.44
Lonsway, Chris	9.50
McKenzie, Andrew	9.48
Ragsdale, Kirt	9.47
Rodriguez, Jesus (Jesse)	9.51
Sanchez, Christopher	9.46
MAXIMUM	9.65
MINIMUM	9.44
RANGE(MAX-MIN)	0.210
MEAN	9.491
STANDARD DEVIATION	0.150
N SIZE	17.000

Part ID= VTCC - TC CVR SLUDGE | VTCC YI Values | * Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	TOTALS
Allen ,Duane	-0.08
Austin, Philip	1.06
Barrera, Tony	1.06
Beard, Joe	0.32
Blackwell,Kreed	-0.61
Cales, Jonathon	-0.08
Cervantes,Jonathan	-0.61
Chalkley, Gerald	-0.08
Cumberworth, Lee	0.06
DeCapite, Vanessa	-0.34
Dominguez, Lucio	-0.34
Garcia, Jessica	-0.34
Lonsway, Chris	0.06
McKenzie, Andrew	-0.08
Ragsdale, Kirt	-0.14
Rodriguez, Jesus (Jesse)	0.12
Sanchez, Christopher	-0.21
MAXIMUM	1.06
MINIMUM	0.06
RANGE(MAX-MIN)	1.000
MEAN	0.000
STANDARD DEVIATION	0.488
N SIZE	17.000

Lab Raters (September 28 - October 2, 2026)

Part ID= VVDL - VALVE DECK SLUDGE L — Rated Values — * Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	TOTALS
Allen ,Duane	9.42
Austin, Philip	9.37
Barrera, Tony	9.58
Beard, Joe	9.32
Blackwell,Kreed	9.46
Cales, Jonathon	9.40
Cervantes,Jonathan	9.42
Chalkley, Gerald	9.40
Cumberworth, Lee	9.50
DeCapite, Vanessa	9.33
Dominguez, Lucio	9.33
Garcia, Jessica	9.39
Lonsway, Chris	9.50
McKenzie, Andrew	9.40
Ragsdale, Kirt	9.25
Rodriguez, Jesus (Jesse)	9.41
Sanchez, Christopher	9.33
MAXIMUM	9.58
MINIMUM	9.25
RANGE(MAX-MIN)	0.330
MEAN	9.389
STANDARD DEVIATION	0.150
N SIZE	17.000

Part ID= VVDL - VALVE DECK SLUDGE L — VVDL YI Values — * Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	TOTALS
Allen ,Duane	0.21
Austin, Philip	-0.12
Barrera, Tony	1.28
Beard, Joe	-0.46
Blackwell,Kreed	0.48
Cales, Jonathon	0.08
Cervantes,Jonathan	0.21
Chalkley, Gerald	0.08
Cumberworth, Lee	0.74
DeCapite, Vanessa	-0.39
Dominguez, Lucio	-0.39
Garcia, Jessica	0.01
Lonsway, Chris	0.74
McKenzie, Andrew	0.08
Ragsdale, Kirt	-0.92
Rodriguez, Jesus (Jesse)	0.14
Sanchez, Christopher	-0.39
MAXIMUM	1.28
MINIMUM	0.08
RANGE(MAX-MIN)	1.200
MEAN	0.000
STANDARD DEVIATION	0.763
N SIZE	17.000

Lab Raters (September 28 - October 2, 2026)

Part ID= VVDR - VALVE DECK SLUDGE R | Rated Values | * Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	TOTALS
Allen ,Duane	9.60
Austin, Philip	9.45
Barrera, Tony	9.67
Beard, Joe	9.50
Blackwell,Kreed	9.48
Cales, Jonathon	9.50
Cervantes,Jonathan	9.48
Chalkley, Gerald	9.50
Cumberworth, Lee	9.60
DeCapite, Vanessa	9.35
Dominguez, Lucio	9.43
Garcia, Jessica	9.43
Lonsway, Chris	9.47
McKenzie, Andrew	9.50
Ragsdale, Kirt	9.42
Rodriguez, Jesus (Jesse)	9.56
Sanchez, Christopher	9.47
MAXIMUM	9.67
MINIMUM	9.35
RANGE(MAX-MIN)	0.320
MEAN	9.473
STANDARD DEVIATION	0.150
N SIZE	17.000

Part ID= VVDR - VALVE DECK SLUDGE R | VVDR YI Values | * Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	TOTALS
Allen ,Duane	0.85
Austin, Philip	-0.15
Barrera, Tony	1.31
Beard, Joe	0.18
Blackwell,Kreed	0.05
Cales, Jonathon	0.18
Cervantes,Jonathan	0.05
Chalkley, Gerald	0.18
Cumberworth, Lee	0.85
DeCapite, Vanessa	-0.82
Dominguez, Lucio	-0.29
Garcia, Jessica	-0.29
Lonsway, Chris	-0.02
McKenzie, Andrew	0.18
Ragsdale, Kirt	-0.35
Rodriguez, Jesus (Jesse)	0.58
Sanchez, Christopher	-0.02
MAXIMUM	1.31
MINIMUM	-0.02
RANGE(MAX-MIN)	1.333
MEAN	0.000
STANDARD DEVIATION	0.663
N SIZE	17.000

Part ID	rater	AES	Yi
VH	Allen ,Duane	9.49	-0.577
VH	Austin, Philip	9.58	1.155
VH	Barrera, Tony	9.66	2.694
VH	Beard, Joe	9.52	0.000
VH	Blackwell,Kreed	9.49	-0.577
VH	Cales, Jonathon	9.53	0.192
VH	Cervantes,Jonathan	9.49	-0.577
VH	Chalkley, Gerald	9.54	0.385
VH	Cumberworth, Lee	9.56	0.770
VH	DeCapite, Vanessa	9.44	-1.540
VH	Dominguez, Lucio	9.49	-0.577
VH	Garcia, Jessica	9.49	-0.577
VH	Lonsway, Chris	9.52	0.000
VH	McKenzie, Andrew	9.53	0.192
VH	Ragsdale, Kirt	9.45	-1.347
VH	Rodriguez, Jesus (Jesse)	9.56	0.770
VH	Sanchez, Christopher	9.5	-0.385

Mean	9.520
Standard Deviation	0.052

Lab Raters (September 28 - October 2, 2026)

Rater= Allen ,Duane

YI Values

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

PartID	G1TOT	G2TOT	G3TOT	USTOT	L1TOT	L2TOT	L3TOT	TGF	SGF	TLHC	UCMERI	
A1-KEYSTONE	0.00	-0.59	-0.11	-0.44	3.20	-0.94	-0.06	-0.95	-0.49	0.00		
A2-KEYSTONE	-0.44	-0.46	0.69	1.21	0.60	0.08	-0.05	-2.76	-1.17	0.00		
A3-KEYSTONE	-0.36	-0.40	0.46	0.87	1.32	0.66	-0.39	-3.02	-0.28	0.00		
A4-KEYSTONE											0.24	
A5-C13-STYLE	1.57				-0.45							
A6-C13-STYLE	0.53				-0.46							
A7-C13-STYLE	1.06				-0.25							
MAXIMUM	1.57	-0.59	0.69	1.21	3.20	-0.94	-0.39	-3.02	-1.17	0.00	0.24	
MINIMUM	0.00	-0.40	-0.11	-0.44	-0.25	0.08	-0.05	-0.95	-0.28	0.00	0.24	
RANGE(MAX-MIN)	1.570	-0.190	0.800	1.650	3.450	-1.020	-0.340	-2.070	-0.890	0.000	0.000	
MEAN	0.393	-0.483	0.347	0.547	0.660	-0.067	-0.167	-2.243	-0.647	0.000	0.000	
STANDARD DEVIATION	0.808	0.100	0.412	0.871	1.429	0.810	0.193	1.128	0.465	0.100	0.100	

HighLight Key: Red= Greater than 2.0 Yi

Lab Raters (September 28 - October 2, 2026)

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	
A1-KEYSTONE	0.00	-0.06	-1.11	-0.64	-1.44	0.97	0.04	-0.40	-1.51	0.00		
A2-KEYSTONE	0.14	-0.83	0.01	0.04	0.23	0.73	-0.17	-0.61	0.19	0.00		
A3-KEYSTONE	-0.36	-0.44	-0.54	0.67	0.30	0.96	-0.96	-1.04	-1.61	0.00		
A4-KEYSTONE											-0.06	
A5-C13-STYLE	-1.36				0.97							
A6-C13-STYLE	-0.53				0.73							
A7-C13-STYLE	-0.97				-0.59							
MAXIMUM	-1.36	-0.83	-1.11	0.67	-1.44	0.97	-0.96	-1.04	-1.61	0.00	-0.06	
MINIMUM	0.00	-0.06	0.01	0.04	0.23	0.73	0.04	-0.40	0.19	0.00	-0.06	
RANGE(MAX-MIN)	-1.360	-0.770	-1.120	0.630	-1.670	0.240	-1.000	-0.640	-1.800	0.000	0.000	
MEAN	-0.513	-0.443	-0.547	0.023	0.033	0.887	-0.363	-0.683	-0.977	0.000	0.000	
STANDARD DEVIATION	0.573	0.385	0.560	0.655	0.898	0.136	0.527	0.326	1.012	0.100	0.100	

HighLight Key: Red= Greater than 2.0 Yi

Lab Raters (September 28 - October 2, 2026)

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	
A1-KEYSTONE	0.00	1.36	0.59	1.26	0.09	1.80	0.44	1.27	0.88	0.00		
A2-KEYSTONE	0.14	1.46	0.07	0.82	-0.37	0.20	-1.29	1.00	0.88	0.00		
A3-KEYSTONE	-0.36	-0.48	-0.54	0.27	-0.10	0.28	-1.69	0.28	1.04	0.00		
A4-KEYSTONE											1.13	
A5-C13-STYLE	1.76				-0.34							
A6-C13-STYLE	-1.69				1.67							
A7-C13-STYLE	-2.17				0.33							
MAXIMUM	-2.17	1.46	0.59	1.26	1.67	1.80	-1.69	1.27	1.04	0.00	1.13	
MINIMUM	0.00	-0.48	0.07	0.27	0.09	0.20	0.44	0.28	0.88	0.00	1.13	
RANGE(MAX-MIN)	-2.170	1.940	0.520	0.990	1.580	1.600	-2.130	0.990	0.160	0.000	0.000	
MEAN	-0.387	0.780	0.040	0.783	0.213	0.760	-0.847	0.850	0.933	0.000	0.000	
STANDARD DEVIATION	1.408	1.092	0.566	0.496	0.761	0.902	1.132	0.512	0.100	0.100	0.100	

HighLight Key: Red= Greater than 2.0 Yi

Lab Raters (September 28 - October 2, 2026)

Rater= Beard, Joe

YI Values

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

PartID	G1TOT	G2TOT	G3TOT	USTOT	L1TOT	L2TOT	L3TOT	TGF	SGF	TLHC	UCMERI	
A1-KEYSTONE	2.50	-0.53	-2.61	-0.84	6.83	13.42	-3.16	0.71	-1.51	-10.00		
A2-KEYSTONE	-0.84	-2.79	0.78	-0.11	0.48	0.09	2.36	1.00	-0.15	0.00		
A3-KEYSTONE	-0.36	-0.45	3.06	0.67	-0.42	1.51	-0.23	0.28	-0.94	0.00		
A4-KEYSTONE											5.85	
A5-C13-STYLE	0.48				1.30							
A6-C13-STYLE	-1.69				1.08							
A7-C13-STYLE	-0.32				0.78							
MAXIMUM	2.50	-2.79	3.06	-0.84	6.83	13.42	-3.16	1.00	-1.51	-10.00	5.85	
MINIMUM	-0.32	-0.45	0.78	-0.11	-0.42	0.09	-0.23	0.28	-0.15	0.00	5.85	
RANGE(MAX-MIN)	2.820	-2.340	2.280	-0.730	7.250	13.330	-2.930	0.720	-1.360	-10.000	0.000	
MEAN	-0.038	-1.257	0.410	-0.093	1.675	5.007	-0.343	0.663	-0.867	-3.333	0.000	
STANDARD DEVIATION	1.433	1.329	2.853	0.755	2.596	7.321	2.762	0.362	0.683	5.774	0.100	

HighLight Key: Red= Greater than 2.0 Yi

10/8/2026 6:52:52 AM

Lab Raters (September 28 - October 2, 2026)

Rater= Blackwell,Kreed

YI Values

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

PartID	G1TOT	G2TOT	G3TOT	USTOT	L1TOT	L2TOT	L3TOT	TGF	SGF	TLHC	UCMERI	
A1-KEYSTONE	5.10	-1.27	-3.21	0.46	0.09	-2.18	2.64	-0.40	-2.53	-10.00		
A2-KEYSTONE	30.10	16.43	0.38	2.07	1.77	-1.66	2.05	3.68	-0.83	0.00		
A3-KEYSTONE	9.64	2.82	22.56	3.27	1.00	-1.97	20.10	-0.38	-0.28	0.00		
A4-KEYSTONE											0.39	
A5-C13-STYLE	-1.57				-0.02							
A6-C13-STYLE	-3.64				0.37							
A7-C13-STYLE	4.13				-0.69							
MAXIMUM	30.10	16.43	22.56	3.27	1.77	-2.18	20.10	3.68	-2.53	-10.00	0.39	
MINIMUM	-1.57	-1.27	0.38	0.46	-0.02	-1.66	2.05	-0.38	-0.28	0.00	0.39	
RANGE(MAX-MIN)	31.670	17.700	22.180	2.810	1.790	-0.520	18.050	4.060	-2.250	-10.000	0.000	
MEAN	7.293	5.993	6.577	1.933	0.420	-1.937	8.263	0.967	-1.213	-3.333	0.000	
STANDARD DEVIATION	12.154	9.267	13.958	1.410	0.860	0.262	10.255	2.350	1.173	5.774	0.100	

HighLight Key: Red= Greater than 2.0 Yi

10/8/2026 6:53:04 AM

Lab Raters (September 28 - October 2, 2026)

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	
A1-KEYSTONE	0.00	0.19	-1.01	0.76	-0.56	0.49	1.84	0.71	1.90	0.00		
A2-KEYSTONE	-0.50	-0.56	0.23	1.21	-1.35	-1.06	-0.34	1.00	0.54	0.00		
A3-KEYSTONE	-0.36	-0.37	-0.54	1.07	0.65	0.77	1.06	1.61	1.04	0.00		
A4-KEYSTONE											-1.04	
A5-C13-STYLE	-0.48				0.79							
A6-C13-STYLE	-0.80				1.19							
A7-C13-STYLE	-0.20				1.14							
MAXIMUM	-0.80	-0.56	-1.01	1.21	-1.35	-1.06	1.84	1.61	1.90	0.00	-1.04	
MINIMUM	0.00	0.19	0.23	0.76	-0.56	0.49	-0.34	0.71	0.54	0.00	-1.04	
RANGE(MAX-MIN)	-0.800	-0.750	-1.240	0.450	-0.790	-1.550	2.180	0.900	1.360	0.000	0.000	
MEAN	-0.390	-0.247	-0.440	1.013	0.310	0.067	0.853	1.107	1.160	0.000	0.000	
STANDARD DEVIATION	0.275	0.390	0.626	0.230	1.032	0.986	1.105	0.459	0.688	0.100	0.100	

HighLight Key: Red= Greater than 2.0 Yi

Lab Raters (September 28 - October 2, 2026)

Rater= Cervantes,Jonathan

YI Values

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

PartID	G1TOT	G2TOT	G3TOT	USTOT	L1TOT	L2TOT	L3TOT	TGF	SGF	TLHC	UCMERI	
A1-KEYSTONE	0.00	-0.62	-3.11	-1.34	1.18	-0.94	-0.56	-0.95	-2.53	-10.00		
A2-KEYSTONE	-0.50	-1.41	-0.23	-0.73	0.05	0.06	-0.89	-1.15	-1.17	0.00		
A3-KEYSTONE	-5.66	2.20	2.26	-0.33	-0.43	0.39	0.66	-1.04	-2.27	0.00		
A4-KEYSTONE											0.98	
A5-C13-STYLE	-0.68				1.12							
A6-C13-STYLE	-1.24				0.07							
A7-C13-STYLE	-0.59				1.77							
MAXIMUM	-5.66	2.20	-3.11	-1.34	1.77	-0.94	-0.89	-1.15	-2.53	-10.00	0.98	
MINIMUM	0.00	-0.62	-0.23	-0.33	0.05	0.06	-0.56	-0.95	-1.17	0.00	0.98	
RANGE(MAX-MIN)	-5.660	2.820	-2.880	-1.010	1.720	-1.000	-0.330	-0.200	-1.360	-10.000	0.000	
MEAN	-1.445	0.057	-0.360	-0.800	0.627	-0.163	-0.263	-1.047	-1.990	-3.333	0.000	
STANDARD DEVIATION	2.103	1.898	2.687	0.509	0.850	0.693	0.816	0.100	0.722	5.774	0.100	

HighLight Key: Red= Greater than 2.0 Yi

10/8/2026 6:53:26 AM

Lab Raters (September 28 - October 2, 2026)

Rater= Chalkley, Gerald

YI Values

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

PartID	G1TOT	G2TOT	G3TOT	USTOT	L1TOT	L2TOT	L3TOT	TGF	SGF	TLHC	UCMERI	
A1-KEYSTONE	0.00	-0.84	-0.11	-0.24	-0.63	-1.55	1.24	1.27	-1.17	0.00		
A2-KEYSTONE	-0.50	-0.56	0.20	-0.81	0.09	-1.61	1.24	1.00	0.19	0.00		
A3-KEYSTONE	-0.36	-0.72	0.46	-0.13	0.66	-1.68	0.90	1.61	0.38	0.00		
A4-KEYSTONE											-0.81	
A5-C13-STYLE	-1.29				-0.18							
A6-C13-STYLE	-0.80				-0.21							
A7-C13-STYLE	-0.06				0.39							
MAXIMUM	-1.29	-0.84	0.46	-0.81	0.66	-1.68	1.24	1.61	-1.17	0.00	-0.81	
MINIMUM	0.00	-0.56	-0.11	-0.13	0.09	-1.55	0.90	1.00	0.19	0.00	-0.81	
RANGE(MAX-MIN)	-1.290	-0.280	0.570	-0.680	0.570	-0.130	0.340	0.610	-1.360	0.000	0.000	
MEAN	-0.502	-0.707	0.183	-0.393	0.020	-1.613	1.127	1.293	-0.200	0.000	0.000	
STANDARD DEVIATION	0.485	0.140	0.285	0.365	0.462	0.100	0.196	0.306	0.845	0.100	0.100	

HighLight Key: Red= Greater than 2.0 Yi

10/8/2026 6:51:30 AM

Lab Raters (September 28 - October 2, 2026)

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	
A1-KEYSTONE	0.00	0.48	0.89	0.16	1.10	-0.13	-1.46	1.27	1.56	0.00		
A2-KEYSTONE	-0.54	-1.89	-1.21	0.82	1.58	0.09	1.38	1.00	0.88	0.00		
A3-KEYSTONE	-0.36	-0.74	1.26	0.47	1.69	-0.41	0.17	1.61	1.04	0.00		
A4-KEYSTONE											1.36	
A5-C13-STYLE	-0.09				0.56							
A6-C13-STYLE	-0.53				0.08							
A7-C13-STYLE	-0.75				1.03							
MAXIMUM	-0.75	-1.89	1.26	0.82	1.69	-0.41	-1.46	1.61	1.56	0.00	1.36	
MINIMUM	0.00	0.48	0.89	0.16	0.08	0.09	0.17	1.00	0.88	0.00	1.36	
RANGE(MAX-MIN)	-0.750	-2.370	0.370	0.660	1.610	-0.500	-1.630	0.610	0.680	0.000	0.000	
MEAN	-0.378	-0.717	0.313	0.483	1.007	-0.150	0.030	1.293	1.160	0.000	0.000	
STANDARD DEVIATION	0.288	1.185	1.332	0.330	0.610	0.251	1.425	0.306	0.356	0.100	0.100	

HighLight Key: Red= Greater than 2.0 Yi

Lab Raters (September 28 - October 2, 2026)

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	
A1-KEYSTONE	0.00	-0.06	0.49	0.16	0.94	-0.13	-1.56	-1.51	-0.49	0.00		
A2-KEYSTONE	2.15	1.46	1.85	1.44	0.86	0.38	10.36	1.00	-1.17	0.00		
A3-KEYSTONE	-0.36	-0.37	-0.54	-0.83	-0.26	0.66	0.82	0.28	-0.94	0.00		
A4-KEYSTONE											0.83	
A5-C13-STYLE	0.05				-0.11							
A6-C13-STYLE	0.89				0.26							
A7-C13-STYLE	0.16				0.28							
MAXIMUM	2.15	1.46	1.85	1.44	0.94	0.66	10.36	-1.51	-1.17	0.00	0.83	
MINIMUM	0.00	-0.06	0.49	0.16	-0.11	-0.13	0.82	0.28	-0.49	0.00	0.83	
RANGE(MAX-MIN)	2.150	1.520	1.360	1.280	1.050	0.790	9.540	-1.790	-0.680	0.000	0.000	
MEAN	0.482	0.343	0.600	0.257	0.328	0.303	3.207	-0.077	-0.867	0.000	0.000	
STANDARD DEVIATION	0.914	0.979	1.199	1.138	0.490	0.401	6.308	1.292	0.346	0.100	0.100	

HighLight Key: Red= Greater than 2.0 Yi

Lab Raters (September 28 - October 2, 2026)

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	
A1-KEYSTONE	0.00	1.18	-0.31	-0.74	0.53	0.34	0.74	0.16	-0.15	0.00		
A2-KEYSTONE	-0.49	-0.40	-0.57	-0.11	-0.27	0.40	0.03	-0.08	-0.15	0.00		
A3-KEYSTONE	-0.36	1.42	0.16	-0.33	0.15	0.23	0.34	-0.38	1.04	0.00		
A4-KEYSTONE											1.21	
A5-C13-STYLE	0.33				1.36							
A6-C13-STYLE	0.53				0.45							
A7-C13-STYLE	0.63				0.74							
MAXIMUM	0.63	1.42	-0.57	-0.74	1.36	0.40	0.74	-0.38	1.04	0.00	1.21	
MINIMUM	0.00	-0.40	0.16	-0.11	0.15	0.23	0.03	-0.08	-0.15	0.00	1.21	
RANGE(MAX-MIN)	0.630	1.820	-0.730	-0.630	1.210	0.170	0.710	-0.300	1.190	0.000	0.000	
MEAN	0.107	0.733	-0.240	-0.393	0.493	0.323	0.370	-0.100	0.247	0.000	0.000	
STANDARD DEVIATION	0.467	0.989	0.370	0.320	0.551	0.100	0.356	0.271	0.687	0.100	0.100	

HighLight Key: Red= Greater than 2.0 Yi

Lab Raters (September 28 - October 2, 2026)

Rater= Garcia, Jessica

YI Values

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

PartID	G1TOT	G2TOT	G3TOT	USTOT	L1TOT	L2TOT	L3TOT	TGF	SGF	TLHC	UCMERI	
A1-KEYSTONE	-1.60	-0.63	7.79	-0.94	0.68	-1.08	-0.86	-0.40	-0.83	0.00		
A2-KEYSTONE	-0.04	-0.35	-0.23	0.51	1.55	-0.89	1.96	-0.61	-1.17	0.00		
A3-KEYSTONE	-0.36	-0.43	-0.14	0.67	0.42	-0.83	-0.23	-1.04	-1.61	0.00		
A4-KEYSTONE											0.39	
A5-C13-STYLE	-1.41				0.85							
A6-C13-STYLE	-0.53				0.38							
A7-C13-STYLE	0.36				1.61							
MAXIMUM	-1.60	-0.63	7.79	-0.94	1.61	-1.08	1.96	-1.04	-1.61	0.00	0.39	
MINIMUM	-0.04	-0.35	-0.14	0.51	0.38	-0.83	-0.23	-0.40	-0.83	0.00	0.39	
RANGE(MAX-MIN)	-1.560	-0.280	7.930	-1.450	1.230	-0.250	2.190	-0.640	-0.780	0.000	0.000	
MEAN	-0.597	-0.470	2.473	0.080	0.915	-0.933	0.290	-0.683	-1.203	0.000	0.000	
STANDARD DEVIATION	0.769	0.144	4.605	0.887	0.543	0.131	1.480	0.326	0.391	0.100	0.100	

HighLight Key: Red= Greater than 2.0 Yi

10/8/2026 6:53:48 AM

Lab Raters (September 28 - October 2, 2026)

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	
A1-KEYSTONE	0.00	-0.99	-0.51	0.46	0.13	-0.47	-0.56	-0.40	0.88	0.00		
A2-KEYSTONE	-0.21	-0.67	0.44	0.20	-1.51	1.52	0.61	-1.15	1.56	0.00		
A3-KEYSTONE	-0.36	-0.72	-0.54	-0.13	-1.08	1.40	0.42	0.28	0.38	0.00		
A4-KEYSTONE											-0.66	
A5-C13-STYLE	-0.19				0.85							
A6-C13-STYLE	0.98				-0.41							
A7-C13-STYLE	0.23				0.10							
MAXIMUM	0.98	-0.99	-0.54	0.46	-1.51	1.52	0.61	-1.15	1.56	0.00	-0.66	
MINIMUM	0.00	-0.67	0.44	-0.13	0.10	-0.47	0.42	0.28	0.38	0.00	-0.66	
RANGE(MAX-MIN)	0.980	-0.320	-0.980	0.590	-1.610	1.990	0.190	-1.430	1.180	0.000	0.000	
MEAN	0.075	-0.793	-0.203	0.177	-0.320	0.817	0.157	-0.423	0.940	0.000	0.000	
STANDARD DEVIATION	0.488	0.172	0.557	0.296	0.866	1.116	0.628	0.715	0.592	0.100	0.100	

HighLight Key: Red= Greater than 2.0 Yi

Lab Raters (September 28 - October 2, 2026)

Rater= McKenzie, Andrew

YI Values

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

PartID	G1TOT	G2TOT	G3TOT	USTOT	L1TOT	L2TOT	L3TOT	TGF	SGF	TLHC	UCMERI	
A1-KEYSTONE	0.00	-0.25	0.09	1.86	1.36	-0.59	-0.36	0.71	1.56	0.00		
A2-KEYSTONE	0.66	-0.40	-0.02	0.90	1.25	-1.52	-0.92	0.46	0.19	0.00		
A3-KEYSTONE	-0.36	-0.67	0.46	1.87	0.65	0.51	1.79	0.94	1.70	0.00		
A4-KEYSTONE											0.09	
A5-C13-STYLE	0.30				1.03							
A6-C13-STYLE	-0.62				0.98							
A7-C13-STYLE	1.43				4.09							
MAXIMUM	1.43	-0.67	0.46	1.87	4.09	-1.52	1.79	0.94	1.70	0.00	0.09	
MINIMUM	0.00	-0.25	-0.02	0.90	0.65	0.51	-0.36	0.46	0.19	0.00	0.09	
RANGE(MAX-MIN)	1.430	-0.420	0.480	0.970	3.440	-2.030	2.150	0.480	1.510	0.000	0.000	
MEAN	0.235	-0.440	0.177	1.543	1.560	-0.533	0.170	0.703	1.150	0.000	0.000	
STANDARD DEVIATION	0.742	0.213	0.251	0.557	1.264	1.016	1.431	0.240	0.834	0.100	0.100	

HighLight Key: Red= Greater than 2.0 Yi

10/8/2026 6:53:58 AM

Lab Raters (September 28 - October 2, 2026)

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	
A1-KEYSTONE	0.00	-0.98	-0.21	-0.24	-1.92	-0.01	0.44	-0.40	-1.17	0.00		
A2-KEYSTONE	-0.87	-0.56	-0.84	0.04	-0.41	-0.85	-1.09	-1.15	-1.17	0.00		
A3-KEYSTONE	-0.36	-0.62	1.06	0.47	-1.11	-0.80	-1.12	-1.70	-1.61	0.00		
A4-KEYSTONE											-0.89	
A5-C13-STYLE	-0.99				-1.79							
A6-C13-STYLE	-0.44				-1.65							
A7-C13-STYLE	0.37				-2.22							
MAXIMUM	-0.99	-0.98	1.06	0.47	-2.22	-0.85	-1.12	-1.70	-1.61	0.00	-0.89	
MINIMUM	0.00	-0.56	-0.21	0.04	-0.41	-0.01	0.44	-0.40	-1.17	0.00	-0.89	
RANGE(MAX-MIN)	-0.990	-0.420	1.270	0.430	-1.810	-0.840	-1.560	-1.300	-0.440	0.000	0.000	
MEAN	-0.382	-0.720	0.003	0.090	-1.517	-0.553	-0.590	-1.083	-1.317	0.000	0.000	
STANDARD DEVIATION	0.514	0.227	0.968	0.358	0.654	0.471	0.892	0.653	0.254	0.100	0.100	

HighLight Key: Red= Greater than 2.0 Yi

Lab Raters (September 28 - October 2, 2026)

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	
A1-KEYSTONE	20.00	0.37	-3.21	-0.44	-1.62	0.49	-4.66	-2.62	-2.19	0.00		
A2-KEYSTONE	4.16	1.46	-0.87	-0.73	-0.32	-0.36	1.44	-1.69	-1.51	0.00		
A3-KEYSTONE	94.64	0.53	-0.54	-1.73	1.47	0.73	-3.71	-1.70	-2.93	0.00		
A4-KEYSTONE											-5.31	
A5-C13-STYLE	1.23				0.93							
A6-C13-STYLE	4.98				1.60							
A7-C13-STYLE	4.62				2.16							
MAXIMUM	94.64	1.46	-3.21	-1.73	2.16	0.73	-4.66	-2.62	-2.93	0.00	-5.31	
MINIMUM	1.23	0.37	-0.54	-0.44	-0.32	-0.36	1.44	-1.69	-1.51	0.00	-5.31	
RANGE(MAX-MIN)	93.410	1.090	-2.670	-1.290	2.480	1.090	-6.100	-0.930	-1.420	0.000	0.000	
MEAN	21.605	0.787	-1.540	-0.967	0.703	0.287	-2.310	-2.003	-2.210	0.000	0.000	
STANDARD DEVIATION	36.390	0.589	1.456	0.677	1.415	0.573	3.282	0.534	0.710	0.100	0.100	

HighLight Key: Red= Greater than 2.0 Yi

10/8/2026 6:54:08 AM

Lab Raters (September 28 - October 2, 2026)

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	
A1-KEYSTONE	0.00	0.33	0.09	-0.64	0.86	0.01	-0.76	-0.40	1.22	0.00		
A2-KEYSTONE	-0.21	-0.72	-1.15	-1.59	1.61	-0.04	0.49	-0.61	-0.15	0.00		
A3-KEYSTONE	2.14	1.48	-0.04	0.67	1.75	-0.08	0.34	-0.38	-0.28	0.00		
A4-KEYSTONE											-0.81	
A5-C13-STYLE	0.33				0.22							
A6-C13-STYLE	0.53				-0.10							
A7-C13-STYLE	0.83				0.39							
MAXIMUM	2.14	1.48	-1.15	-1.59	1.75	-0.08	-0.76	-0.61	1.22	0.00	-0.81	
MINIMUM	0.00	0.33	-0.04	-0.64	-0.10	0.01	0.34	-0.38	-0.15	0.00	-0.81	
RANGE(MAX-MIN)	2.140	1.150	-1.110	-0.950	1.850	-0.090	-1.100	-0.230	1.370	0.000	0.000	
MEAN	0.603	0.363	-0.367	-0.520	0.788	-0.037	0.023	-0.463	0.263	0.000	0.000	
STANDARD DEVIATION	0.839	1.100	0.681	1.135	0.758	0.100	0.683	0.127	0.831	0.100	0.100	

HighLight Key: Red= Greater than 2.0 Yi

10/8/2026 6:52:21 AM

Lab Raters (September 28 - October 2, 2026)

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	0.41	0.00	-0.73	-1.27	0.00				1.19	0.31	
B2-SEQUENCE IIIH PISTON	-0.56	-0.21	-0.98	-0.57	-0.91				0.53	0.33	
B3-SEQUENCE IIIH PISTON	0.00	0.50	-0.38	1.03	-1.51				-1.50	-0.60	
B4-SEQUENCE IIIH PISTON								-0.38			
B5-GMOD PISTON	0.04	0.47	0.06	-0.55	0.71				-1.30	-0.37	
B6-GMOD PISTON	-1.66	-0.20	-0.80	-0.96	0.46				-0.46	-0.12	
B7-GMOD PISTON	0.23	0.89	-0.94	-0.29	0.49				-0.69	-0.37	
B8-GMOD PISTON								1.08			
MAXIMUM	-1.66	0.89	-0.98	-1.27	-1.51			1.08	-1.50	-0.60	
MINIMUM	0.00	0.00	0.06	-0.29	0.00			-0.38	-0.46	-0.12	
RANGE(MAX-MIN)	-1.660	0.890	-1.040	-0.980	-1.510			1.460	-1.040	-0.480	
MEAN	-0.257	0.242	-0.628	-0.435	-0.127			-0.380	-0.372	-0.137	
STANDARD DEVIATION	0.761	0.446	0.399	0.796	0.891			0.000	1.048	0.385	

HighLight Key: Red= Greater than 2.0 Yi

10/8/2026 7:08:13 AM

Lab Raters (September 28 - October 2, 2026)

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	0.41	0.00	-1.39	-0.60	-1.54				-0.81	-0.89	
B2-SEQUENCE IIIH PISTON	-0.37	1.49	-0.33	0.63	-0.11				-0.27	-0.17	
B3-SEQUENCE IIIH PISTON	0.40	1.20	-0.59	2.33	0.49				-0.30	-0.20	
B4-SEQUENCE IIIH PISTON								-0.38			
B5-GMOD PISTON	-4.06	-1.75	-0.54	1.08	-1.09				-0.30	-0.37	
B6-GMOD PISTON	0.04	0.00	-1.10	0.94	-0.85				-0.46	0.20	
B7-GMOD PISTON	0.03	0.47	-0.54	0.46	0.40				-0.29	-0.37	
B8-GMOD PISTON								-0.28			
MAXIMUM	-4.06	-1.75	-1.39	2.33	-1.54			-0.38	-0.81	-0.89	
MINIMUM	0.03	0.00	-0.33	0.46	-0.11			-0.28	-0.27	-0.17	
RANGE(MAX-MIN)	-4.090	-1.750	-1.060	1.870	-1.430			-0.100	-0.540	-0.720	
MEAN	-0.592	0.235	-0.748	0.807	-0.450			-0.380	-0.405	-0.300	
STANDARD DEVIATION	1.723	1.150	0.406	0.953	0.834			0.000	0.210	0.356	

HighLight Key: Red= Greater than 2.0 Yi

10/8/2026 7:08:26 AM

Lab Raters (September 28 - October 2, 2026)

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	-0.09	0.00	-1.06	-0.79	-0.40				-1.21	-1.29	
B2-SEQUENCE IIIH PISTON	2.18	-0.31	-1.70	-0.47	-0.42				-0.57	-0.67	
B3-SEQUENCE IIIH PISTON	0.00	-1.00	-1.93	-0.67	-0.65				-0.80	-1.00	
B4-SEQUENCE IIIH PISTON								0.10			
B5-GMOD PISTON	-0.10	-0.54	-0.54	-0.29	-0.19				0.70	0.63	
B6-GMOD PISTON	-0.96	0.00	-0.10	0.94	-1.29				0.34	-2.24	
B7-GMOD PISTON	-0.47	-1.88	-0.54	-0.64	-1.91				-0.19	0.43	
B8-GMOD PISTON								0.68			
MAXIMUM	2.18	-1.88	-1.93	0.94	-1.91			0.68	-1.21	-2.24	
MINIMUM	0.00	0.00	-0.10	-0.29	-0.19			0.10	-0.19	0.43	
RANGE(MAX-MIN)	2.180	-1.880	-1.830	1.230	-1.720			0.580	-1.020	-2.670	
MEAN	0.093	-0.622	-0.978	-0.320	-0.810			0.100	-0.288	-0.690	
STANDARD DEVIATION	1.083	0.722	0.720	0.641	0.659			0.000	0.717	1.082	

HighLight Key: Red= Greater than 2.0 Yi

10/8/2026 7:06:39 AM

Lab Raters (September 28 - October 2, 2026)

Rater= Beard, Joe

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	0.11	0.00	1.39	1.39	1.20				-0.81	-1.09	
B2-SEQUENCE IIIH PISTON	-0.62	-0.01	0.23	0.33	0.46				-0.37	-0.27	
B3-SEQUENCE IIIH PISTON	0.00	0.20	1.43	1.03	0.81				0.10	0.20	
B4-SEQUENCE IIIH PISTON								-0.43			
B5-GMOD PISTON	2.09	-0.02	-0.04	-0.01	-0.37				-0.40	-0.37	
B6-GMOD PISTON	-0.86	0.00	-0.40	-0.06	-1.55				-0.86	0.11	
B7-GMOD PISTON	-0.07	0.63	-0.74	0.37	-0.02				-0.79	-0.87	
B8-GMOD PISTON								-0.02			
MAXIMUM	2.09	0.63	1.43	1.39	-1.55			-0.43	-0.86	-1.09	
MINIMUM	0.00	0.00	-0.04	-0.01	-0.02			-0.02	0.10	0.11	
RANGE(MAX-MIN)	2.090	0.630	1.470	1.400	-1.530			-0.410	-0.960	-1.200	
MEAN	0.108	0.133	0.312	0.508	0.088			-0.430	-0.522	-0.382	
STANDARD DEVIATION	1.043	0.257	0.912	0.582	0.980			0.000	0.373	0.516	

HighLight Key: Red= Greater than 2.0 Yi

10/8/2026 7:09:08 AM

Lab Raters (September 28 - October 2, 2026)

Rater= Blackwell,Kreed

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	0.11	0.00	-1.63	-0.06	-1.02				-1.41	-1.09	
B2-SEQUENCE IIIH PISTON	-0.56	0.59	-0.01	0.73	-0.56				-0.97	-0.87	
B3-SEQUENCE IIIH PISTON	0.00	1.00	-1.41	1.43	-1.22				-4.40	-1.90	
B4-SEQUENCE IIIH PISTON								0.63			
B5-GMOD PISTON	-0.60	0.29	-0.54	0.53	-0.28				0.30	0.63	
B6-GMOD PISTON	-0.66	0.00	-0.10	0.94	-2.51				0.34	0.52	
B7-GMOD PISTON	0.03	1.47	-0.54	0.55	-0.62				0.71	0.63	
B8-GMOD PISTON								-0.60			
MAXIMUM	-0.66	1.47	-1.63	1.43	-2.51			0.63	-4.40	-1.90	
MINIMUM	0.00	0.00	-0.01	-0.06	-0.28			-0.60	0.30	0.52	
RANGE(MAX-MIN)	-0.660	1.470	-1.620	1.490	-2.230			1.230	-4.700	-2.420	
MEAN	-0.280	0.558	-0.705	0.687	-1.035			-0.600	-0.905	-0.347	
STANDARD DEVIATION	0.361	0.587	0.672	0.494	0.797			0.000	1.902	1.086	

HighLight Key: Red= Greater than 2.0 Yi

10/8/2026 7:09:18 AM

Lab Raters (September 28 - October 2, 2026)

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	0.41	0.00	-1.31	2.54	-0.23				0.19	0.11	
B2-SEQUENCE IIIH PISTON	-0.01	0.59	-1.70	0.03	0.08				0.23	-0.17	
B3-SEQUENCE IIIH PISTON	0.00	0.40	-1.75	0.13	0.77				-1.50	-0.90	
B4-SEQUENCE IIIH PISTON								-1.44			
B5-GMOD PISTON	-1.09	0.72	0.46	0.16	0.71				0.70	0.53	
B6-GMOD PISTON	-0.76	0.00	0.90	-0.86	-0.68				0.04	0.49	
B7-GMOD PISTON	0.33	0.08	0.46	0.15	-0.37				0.71	0.63	
B8-GMOD PISTON								0.31			
MAXIMUM	-1.09	0.72	-1.75	2.54	0.77			-1.44	-1.50	-0.90	
MINIMUM	0.00	0.00	0.46	0.03	0.08			0.31	0.04	0.11	
RANGE(MAX-MIN)	-1.090	0.720	-2.210	2.510	0.690			-1.750	-1.540	-1.010	
MEAN	-0.187	0.298	-0.490	0.358	0.047			-1.440	0.062	0.115	
STANDARD DEVIATION	0.606	0.316	1.222	1.139	0.590			0.000	0.814	0.581	

HighLight Key: Red= Greater than 2.0 Yi

Lab Raters (September 28 - October 2, 2026)

Rater= Cervantes,Jonathan

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	0.31	0.00	0.82	-0.79	-1.31				-1.61	-1.59	
B2-SEQUENCE IIIH PISTON	-0.25	-0.01	0.31	-0.17	-0.20				-1.67	-2.57	
B3-SEQUENCE IIIH PISTON	0.00	-0.10	-0.07	-0.17	-1.11				-1.60	-1.70	
B4-SEQUENCE IIIH PISTON								1.70			
B5-GMOD PISTON	-2.30	-0.29	0.46	-0.86	0.71				0.60	0.63	
B6-GMOD PISTON	1.14	0.00	-0.10	-0.86	-0.06				0.54	0.52	
B7-GMOD PISTON	-0.07	0.12	-0.54	-0.60	-0.20				-0.29	-0.37	
B8-GMOD PISTON								-1.77			
MAXIMUM	-2.30	-0.29	0.82	-0.86	-1.31			-1.77	-1.67	-2.57	
MINIMUM	0.00	0.00	-0.07	-0.17	-0.06			1.70	-0.29	-0.37	
RANGE(MAX-MIN)	-2.300	-0.290	0.890	-0.690	-1.250			-3.470	-1.380	-2.200	
MEAN	-0.195	-0.047	0.147	-0.575	-0.362			-1.770	-0.672	-0.847	
STANDARD DEVIATION	1.142	0.138	0.481	0.328	0.742			0.000	1.093	1.306	

HighLight Key: Red= Greater than 2.0 Yi

10/8/2026 7:09:44 AM

Lab Raters (September 28 - October 2, 2026)

Rater= Chalkley, 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	-0.89	0.00	-0.82	0.36	-0.68				0.19	0.11	
B2-SEQUENCE IIIH PISTON	-0.62	0.29	0.47	0.03	-0.05				-0.27	-0.17	
B3-SEQUENCE IIIH PISTON	0.00	0.40	0.74	0.43	1.27				0.30	0.40	
B4-SEQUENCE IIIH PISTON								-0.27			
B5-GMOD PISTON	1.53	0.41	0.46	0.16	0.71				0.70	0.63	
B6-GMOD PISTON	0.34	0.00	0.90	0.04	1.43				0.54	0.52	
B7-GMOD PISTON	0.23	0.50	0.46	-0.42	-0.45				0.71	0.63	
B8-GMOD PISTON								-0.09			
MAXIMUM	1.53	0.50	0.90	0.43	1.43			-0.27	0.71	0.63	
MINIMUM	0.00	0.00	0.46	0.03	-0.05			-0.09	0.19	0.11	
RANGE(MAX-MIN)	1.530	0.500	0.440	0.400	1.480			-0.180	0.520	0.520	
MEAN	0.098	0.267	0.368	0.100	0.372			-0.270	0.362	0.353	
STANDARD DEVIATION	0.852	0.217	0.610	0.303	0.894			0.000	0.374	0.321	

Lab Raters (September 28 - October 2, 2026)

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	-0.09	0.00	-0.08	0.42	-0.28				-0.81	-0.89	
B2-SEQUENCE IIIH PISTON	-0.56	0.19	-0.98	0.93	-0.20				-1.27	-1.47	
B3-SEQUENCE IIIH PISTON	0.00	0.30	-1.11	0.73	-0.19				-0.90	-0.70	
B4-SEQUENCE IIIH PISTON								0.31			
B5-GMOD PISTON	-0.88	0.53	-0.24	0.02	0.35				-0.40	-0.47	
B6-GMOD PISTON	0.94	0.00	-1.10	-0.06	0.02				-0.46	0.20	
B7-GMOD PISTON	-0.27	-0.50	-0.54	0.63	1.09				-0.29	-0.37	
B8-GMOD PISTON								-0.46			
MAXIMUM	0.94	0.53	-1.11	0.93	1.09			-0.46	-1.27	-1.47	
MINIMUM	0.00	0.00	-0.08	0.02	0.02			0.31	-0.29	0.20	
RANGE(MAX-MIN)	0.940	0.530	-1.030	0.910	1.070			-0.770	-0.980	-1.670	
MEAN	-0.143	0.087	-0.675	0.445	0.132			-0.460	-0.688	-0.617	
STANDARD DEVIATION	0.621	0.350	0.453	0.397	0.522			0.000	0.372	0.558	

Lab Raters (September 28 - October 2, 2026)

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	-0.29	0.00	-0.49	-1.15	-0.97				0.19	0.61	
B2-SEQUENCE IIIH PISTON	-0.68	-0.21	-0.33	-0.27	-0.98				0.23	0.83	
B3-SEQUENCE IIIH PISTON	0.00	0.10	-0.29	-0.67	-1.44				0.30	0.40	
B4-SEQUENCE IIIH PISTON								0.42			
B5-GMOD PISTON	-0.31	-1.05	0.16	-0.98	0.71				-0.30	0.13	
B6-GMOD PISTON	0.44	0.00	-0.30	-0.06	0.99				0.54	0.52	
B7-GMOD PISTON	0.23	-0.08	-0.44	-0.38	0.49				0.51	0.63	
B8-GMOD PISTON								-2.05			
MAXIMUM	-0.68	-1.05	-0.49	-1.15	-1.44			-2.05	0.54	0.83	
MINIMUM	0.00	0.00	0.16	-0.06	0.49			0.42	0.19	0.13	
RANGE(MAX-MIN)	-0.680	-1.050	-0.650	-1.090	-1.930			-2.470	0.350	0.700	
MEAN	-0.102	-0.207	-0.282	-0.585	-0.200			-2.050	0.245	0.520	
STANDARD DEVIATION	0.407	0.426	0.231	0.424	1.045			0.000	0.303	0.238	

HighLight Key: Red= Greater than 2.0 Yi

Lab Raters (September 28 - October 2, 2026)

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	0.11	0.00	0.73	-0.60	-0.97				-0.11	-0.09	
B2-SEQUENCE IIIH PISTON	-0.25	0.09	0.23	-0.47	-0.13				0.03	-0.47	
B3-SEQUENCE IIIH PISTON	0.00	-0.20	0.62	-0.57	-0.19				-0.40	-0.20	
B4-SEQUENCE IIIH PISTON								0.21			
B5-GMOD PISTON	-0.31	0.45	0.06	-0.64	-1.99				-0.20	-0.87	
B6-GMOD PISTON	1.34	0.00	-1.10	0.04	-0.76				-0.66	0.33	
B7-GMOD PISTON	0.03	-0.27	0.36	-0.73	0.23				-0.79	-0.77	
B8-GMOD PISTON								0.14			
MAXIMUM	1.34	0.45	-1.10	-0.73	-1.99			0.21	-0.79	-0.87	
MINIMUM	0.00	0.00	0.06	0.04	-0.13			0.14	0.03	-0.09	
RANGE(MAX-MIN)	1.340	0.450	-1.160	-0.770	-1.860			0.070	-0.820	-0.780	
MEAN	0.153	0.012	0.150	-0.495	-0.635			0.140	-0.355	-0.345	
STANDARD DEVIATION	0.604	0.254	0.660	0.276	0.796			0.000	0.321	0.450	

Lab Raters (September 28 - October 2, 2026)

Rater= Garcia, Jessica

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	0.01	0.00	1.71	-0.79	-1.31				-0.21	-0.59	
B2-SEQUENCE IIIH PISTON	-0.43	0.19	0.47	0.43	0.02				-0.57	-0.87	
B3-SEQUENCE IIIH PISTON	-0.10	-0.30	0.40	0.03	-0.30				-0.30	-0.30	
B4-SEQUENCE IIIH PISTON								0.68			
B5-GMOD PISTON	0.04	-0.29	-1.64	-0.61	-0.19				-0.40	-0.37	
B6-GMOD PISTON	1.44	-0.10	-1.00	-0.86	-0.94				-0.56	0.20	
B7-GMOD PISTON	-0.07	0.60	-1.04	-0.64	0.32				-0.39	-0.37	
B8-GMOD PISTON								-0.49			
MAXIMUM	1.44	0.60	1.71	-0.86	-1.31			0.68	-0.57	-0.87	
MINIMUM	0.01	0.00	0.40	0.03	0.02			-0.49	-0.21	0.20	
RANGE(MAX-MIN)	1.430	0.600	1.310	-0.890	-1.330			1.170	-0.360	-1.070	
MEAN	0.148	0.017	-0.183	-0.407	-0.400			-0.490	-0.405	-0.383	
STANDARD DEVIATION	0.655	0.340	1.255	0.517	0.611			0.000	0.142	0.354	

HighLight Key: Red= Greater than 2.0 Yi

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Lab Raters (September 28 - October 2, 2026)

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	0.11	0.00	1.39	-0.42	1.20				1.19	1.11	
B2-SEQUENCE IIIH PISTON	-0.56	-0.01	0.96	-0.67	-0.87				0.73	0.83	
B3-SEQUENCE IIIH PISTON	0.00	0.70	1.09	0.13	0.35				0.30	0.40	
B4-SEQUENCE IIIH PISTON								0.21			
B5-GMOD PISTON	-1.73	0.86	0.46	-0.89	0.71				0.70	0.63	
B6-GMOD PISTON	-0.86	0.00	0.90	-0.96	0.55				0.54	0.52	
B7-GMOD PISTON	-0.17	1.37	0.46	-0.11	1.26				0.71	0.63	
B8-GMOD PISTON								-0.16			
MAXIMUM	-1.73	1.37	1.39	-0.96	1.26			0.21	1.19	1.11	
MINIMUM	0.00	0.00	0.46	-0.11	0.35			-0.16	0.30	0.40	
RANGE(MAX-MIN)	-1.730	1.370	0.930	-0.850	0.910			0.370	0.890	0.710	
MEAN	-0.535	0.487	0.877	-0.487	0.533			-0.160	0.695	0.687	
STANDARD DEVIATION	0.688	0.581	0.364	0.435	0.775			0.000	0.292	0.251	

Lab Raters (September 28 - October 2, 2026)

Rater= McKenzie, Andrew

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	0.21	0.00	-2.29	-0.48	-0.17				0.19	-0.09	
B2-SEQUENCE IIIH PISTON	-0.37	0.39	-2.19	-0.37	-0.97				-0.47	-1.27	
B3-SEQUENCE IIIH PISTON	0.00	-0.10	-0.63	0.23	-1.93				0.90	1.00	
B4-SEQUENCE IIIH PISTON								1.11			
B5-GMOD PISTON	-0.95	-0.89	-1.24	0.08	-0.19				-0.80	-0.77	
B6-GMOD PISTON	-0.76	0.00	-1.10	0.44	-1.38				0.24	0.39	
B7-GMOD PISTON	-0.27	-2.37	-1.24	-0.51	-3.03				-0.49	-0.57	
B8-GMOD PISTON								1.19			
MAXIMUM	-0.95	-2.37	-2.29	-0.51	-3.03			1.19	0.90	-1.27	
MINIMUM	0.00	0.00	-0.63	0.08	-0.17			1.11	0.19	-0.09	
RANGE(MAX-MIN)	-0.950	-2.370	-1.660	-0.590	-2.860			0.080	0.710	-1.180	
MEAN	-0.357	-0.495	-1.448	-0.102	-1.278			1.110	-0.072	-0.218	
STANDARD DEVIATION	0.441	1.010	0.654	0.405	1.096			0.000	0.628	0.825	

HighLight Key: Red= Greater than 2.0 Yi

Lab Raters (September 28 - October 2, 2026)

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	0.61	0.00	-0.73	1.39	0.46				-0.11	-0.19	
B2-SEQUENCE IIIH PISTON	0.11	0.09	-0.74	1.73	1.96				-0.37	-0.67	
B3-SEQUENCE IIIH PISTON	0.00	-0.30	-0.29	1.03	-0.54				-0.30	-0.50	
B4-SEQUENCE IIIH PISTON								-1.98			
B5-GMOD PISTON	0.61	-1.38	-0.54	1.67	-0.46				-0.90	-0.37	
B6-GMOD PISTON	0.54	0.00	-0.10	0.84	-0.59				-0.66	0.17	
B7-GMOD PISTON	0.33	0.47	-0.54	2.17	-0.11				-0.29	-0.77	
B8-GMOD PISTON								1.05			
MAXIMUM	0.61	-1.38	-0.74	2.17	1.96			-1.98	-0.90	-0.77	
MINIMUM	0.00	0.00	-0.10	0.84	-0.11			1.05	-0.11	0.17	
RANGE(MAX-MIN)	0.610	-1.380	-0.640	1.330	2.070			-3.030	-0.790	-0.940	
MEAN	0.367	-0.187	-0.490	1.472	0.120			-1.980	-0.438	-0.388	
STANDARD DEVIATION	0.265	0.635	0.252	0.489	0.983			0.000	0.288	0.343	

HighLight Key: Red= Greater than 2.0 Yi

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Lab Raters (September 28 - October 2, 2026)

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	0.51	0.00	1.06	-0.85	-0.80				0.19	0.11	
B2-SEQUENCE IIIH PISTON	-0.68	0.09	0.79	-0.97	-1.02				-0.27	-0.17	
B3-SEQUENCE IIIH PISTON	0.00	0.00	0.87	-0.67	0.95				0.30	0.40	
B4-SEQUENCE IIIH PISTON								0.15			
B5-GMOD PISTON	1.46	-0.81	-0.54	-0.84	0.71				-0.30	-0.37	
B6-GMOD PISTON	-0.76	0.00	-0.10	-1.76	-0.15				-0.46	0.20	
B7-GMOD PISTON	-0.27	0.37	-0.54	-1.12	0.15				-1.29	0.63	
B8-GMOD PISTON								-0.81			
MAXIMUM	1.46	-0.81	1.06	-1.76	-1.02			-0.81	-1.29	0.63	
MINIMUM	0.00	0.00	-0.10	-0.67	-0.15			0.15	0.19	0.11	
RANGE(MAX-MIN)	1.460	-0.810	1.160	-1.090	-0.870			-0.960	-1.480	0.520	
MEAN	0.043	-0.058	0.257	-1.035	-0.027			-0.810	-0.305	0.133	
STANDARD DEVIATION	0.836	0.395	0.735	0.385	0.791			0.000	0.567	0.366	

HighLight Key: Red= Greater than 2.0 Yi

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Lab Raters (September 28 - October 2, 2026)

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	0.41	0.00	0.98	1.21	1.37				-0.11	-0.29	
B2-SEQUENCE IIIH PISTON	-0.19	0.09	1.12	0.13	0.50				0.23	0.33	
B3-SEQUENCE IIIH PISTON	0.00	0.30	0.06	0.33	1.20				0.60	0.50	
B4-SEQUENCE IIIH PISTON								1.32			
B5-GMOD PISTON	0.32	1.25	-0.04	0.96	0.53				-0.70	-0.77	
B6-GMOD PISTON	-0.86	0.00	-0.20	-0.86	-0.33				-0.66	0.17	
B7-GMOD PISTON	-0.17	-0.11	0.26	0.11	0.49				-0.69	-0.77	
B8-GMOD PISTON								0.42			
MAXIMUM	-0.86	1.25	1.12	1.21	1.37			1.32	-0.70	-0.77	
MINIMUM	0.00	0.00	-0.04	0.11	-0.33			0.42	-0.11	0.17	
RANGE(MAX-MIN)	-0.860	1.250	1.160	1.100	1.700			0.900	-0.590	-0.940	
MEAN	-0.082	0.255	0.363	0.313	0.627			0.420	-0.222	-0.138	
STANDARD DEVIATION	0.455	0.506	0.554	0.731	0.607			0.000	0.554	0.555	

HighLight Key: Red= Greater than 2.0 Yi

10/8/2026 7:08:01 AM

Lab Raters (September 28 - October 2, 2026)

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	-0.27	1.48	2.70	0.60	-0.04	2.07	
K1-6-C13 2ND RING CARBON	-0.40	-1.49	1.11	-1.17	2.79	5.21	
L1-6-C13 2ND RING CARBON	-0.74	0.11	0.53	1.33	0.18	6.51	
MAXIMUM	-0.74	-1.49	2.70	1.33	2.79	6.51	
MINIMUM	-0.27	0.11	0.53	0.60	-0.04	2.07	
RANGE(MAX-MIN)	-0.470	-1.600	2.170	0.730	2.830	4.440	
MEAN	-0.470	0.033	1.447	0.253	0.977	4.597	
STANDARD DEVIATION	0.243	1.486	1.123	1.286	1.574	2.283	

HighLight Key: Red= Greater than 2.0 Yi

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Lab Raters (September 28 - October 2, 2026)

Rater= Austin, Philip

YI Values

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

PartID	R1DEME	R2DEME	R3DEME	R4DEME	R5DEME	R6DEME	
J1-6-C13 2ND RING CARBON	-0.39	0.41	1.68	0.37	0.62	0.88	
K1-6-C13 2ND RING CARBON	0.69	0.49	0.28	0.48	-0.50	-0.61	
L1-6-C13 2ND RING CARBON	-1.43	0.11	-0.66	1.01	-1.14	-0.74	
MAXIMUM	-1.43	0.49	1.68	1.01	-1.14	0.88	
MINIMUM	-0.39	0.11	0.28	0.37	-0.50	-0.61	
RANGE(MAX-MIN)	-1.040	0.380	1.400	0.640	-0.640	1.490	
MEAN	-0.377	0.337	0.433	0.620	-0.340	-0.157	
STANDARD DEVIATION	1.060	0.200	1.178	0.342	0.891	0.900	

HighLight Key: Red= Greater than 2.0 Yi

Lab Raters (September 28 - October 2, 2026)

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	0.96	0.90	-1.52	-1.19	-1.09	-1.22	
K1-6-C13 2ND RING CARBON	-1.18	-1.05	-0.55	-0.12	0.58	0.53	
L1-6-C13 2ND RING CARBON	1.30	-0.47	0.81	-0.72	1.59	1.77	
MAXIMUM	1.30	-1.05	-1.52	-1.19	1.59	1.77	
MINIMUM	0.96	-0.47	-0.55	-0.12	0.58	0.53	
RANGE(MAX-MIN)	0.340	-0.580	-0.970	-1.070	1.010	1.240	
MEAN	0.360	-0.207	-0.420	-0.677	0.360	0.360	
STANDARD DEVIATION	1.344	1.001	1.170	0.536	1.353	1.502	

HighLight Key: Red= Greater than 2.0 Yi

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Lab Raters (September 28 - October 2, 2026)

Rater= Beard, Joe

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	-0.08	-0.62	0.52	0.62	0.58	
K1-6-C13 2ND RING CARBON	-1.33	-1.49	-0.83	-1.47	-0.67	-0.71	
L1-6-C13 2ND RING CARBON							
MAXIMUM	-1.33	-1.49	-0.83	-1.47	-0.67	-0.71	
MINIMUM	-0.27	-0.08	-0.62	0.52	0.62	0.58	
RANGE(MAX-MIN)	-1.060	-1.410	-0.210	-1.990	-1.290	-1.290	
MEAN	-1.330	-1.490	-0.830	-1.470	-0.670	-0.710	
STANDARD DEVIATION	0.000	0.000	0.000	0.000	0.000	0.000	

Lab Raters (September 28 - October 2, 2026)

Rater= Blackwell,Kreed

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	-0.44	-0.08	0.66	0.44	-0.82	-1.52	
K1-6-C13 2ND RING CARBON	-0.40	1.47	-0.28	0.93	0.04	0.64	
L1-6-C13 2ND RING CARBON	-1.25	-0.08	1.95	1.64	0.99	-0.42	
MAXIMUM	-1.25	1.47	1.95	1.64	0.99	-1.52	
MINIMUM	-0.40	-0.08	-0.28	0.44	0.04	-0.42	
RANGE(MAX-MIN)	-0.850	1.550	2.230	1.200	0.950	-1.100	
MEAN	-0.697	0.437	0.777	1.003	0.070	-0.433	
STANDARD DEVIATION	0.480	0.895	1.120	0.603	0.905	1.080	

HighLight Key: Red= Greater than 2.0 Yi

Lab Raters (September 28 - October 2, 2026)

Rater= Cales, Jonathon

YI Values

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

PartID	R1DEME	R2DEME	R3DEME	R4DEME	R5DEME	R6DEME	
J1-6-C13 2ND RING CARBON							
K1-6-C13 2ND RING CARBON							
L1-6-C13 2ND RING CARBON							
MAXIMUM							
MINIMUM							
RANGE(MAX-MIN)							
MEAN							
STANDARD DEVIATION							

HighLight Key: Red= Greater than 2.0 Yi

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Lab Raters (September 28 - October 2, 2026)

Rater= Cervantes,Jonathan

YI Values

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

PartID	R1DEME	R2DEME	R3DEME	R4DEME	R5DEME	R6DEME	
J1-6-C13 2ND RING CARBON	0.20	-1.80	1.30	1.15	-0.69	-0.77	
K1-6-C13 2ND RING CARBON	-1.49	2.13	-1.11	-1.02	1.79	-2.06	
L1-6-C13 2ND RING CARBON	-1.86	-1.64	0.53	11.57	-0.29	0.03	
MAXIMUM	-1.86	2.13	1.30	11.57	1.79	-2.06	
MINIMUM	0.20	-1.64	0.53	-1.02	-0.29	0.03	
RANGE(MAX-MIN)	-2.060	3.770	0.770	12.590	2.080	-2.090	
MEAN	-1.050	-0.437	0.240	3.900	0.270	-0.933	
STANDARD DEVIATION	1.098	2.224	1.231	6.730	1.331	1.055	

HighLight Key: Red= Greater than 2.0 Yi

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Lab Raters (September 28 - October 2, 2026)

Rater= Chalkley, 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	-0.39	-0.90	0.91	-0.33	1.27	1.17	
K1-6-C13 2ND RING CARBON	1.47	-0.06	1.11	-0.79	-0.54	-0.19	
L1-6-C13 2ND RING CARBON	-0.24	0.50	-1.23	0.70	-0.50	-0.69	
MAXIMUM	1.47	-0.90	-1.23	-0.79	1.27	1.17	
MINIMUM	-0.24	-0.06	0.91	-0.33	-0.50	-0.19	
RANGE(MAX-MIN)	1.710	-0.840	-2.140	-0.460	1.770	1.360	
MEAN	0.280	-0.153	0.263	-0.140	0.077	0.097	
STANDARD DEVIATION	1.033	0.705	1.297	0.763	1.034	0.963	

HighLight Key: Red= Greater than 2.0 Yi

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Lab Raters (September 28 - October 2, 2026)

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	-0.86	0.57	0.40	-0.02	0.62	-0.02	
K1-6-C13 2ND RING CARBON	0.38	0.16	0.55	0.03	0.46	-0.71	
L1-6-C13 2ND RING CARBON	0.41	1.09	1.19	0.23	-0.88	-0.15	
MAXIMUM	-0.86	1.09	1.19	0.23	-0.88	-0.71	
MINIMUM	0.38	0.16	0.40	-0.02	0.46	-0.02	
RANGE(MAX-MIN)	-1.240	0.930	0.790	0.250	-1.340	-0.690	
MEAN	-0.023	0.607	0.713	0.080	0.067	-0.293	
STANDARD DEVIATION	0.725	0.466	0.420	0.132	0.824	0.367	

HighLight Key: Red= Greater than 2.0 Yi

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Lab Raters (September 28 - October 2, 2026)

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	-0.21	-0.98	0.40	0.13	0.88	0.58	
K1-6-C13 2ND RING CARBON	0.53	-0.06	0.28	-0.42	-0.96	-0.09	
L1-6-C13 2ND RING CARBON	-1.68	0.89	-1.13	-0.25	-0.50	-0.78	
MAXIMUM	-1.68	-0.98	-1.13	-0.42	-0.96	-0.78	
MINIMUM	-0.21	-0.06	0.28	0.13	-0.50	-0.09	
RANGE(MAX-MIN)	-1.470	-0.920	-1.410	-0.550	-0.460	-0.690	
MEAN	-0.453	-0.050	-0.150	-0.180	-0.193	-0.097	
STANDARD DEVIATION	1.125	0.935	0.851	0.282	0.958	0.680	

Lab Raters (September 28 - October 2, 2026)

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	-0.50	0.16	0.91	1.15	-0.04	-0.02	
K1-6-C13 2ND RING CARBON	-0.24	0.49	0.00	1.08	0.58	1.05	
L1-6-C13 2ND RING CARBON	-0.21	-0.86	0.34	-0.41	-0.24	0.16	
MAXIMUM	-0.50	-0.86	0.91	1.15	0.58	1.05	
MINIMUM	-0.21	0.16	0.00	-0.41	-0.04	-0.02	
RANGE(MAX-MIN)	-0.290	-1.020	0.910	1.560	0.620	1.070	
MEAN	-0.317	-0.070	0.417	0.607	0.100	0.397	
STANDARD DEVIATION	0.159	0.704	0.460	0.881	0.428	0.573	

HighLight Key: Red= Greater than 2.0 Yi

Lab Raters (September 28 - October 2, 2026)

Rater= Garcia, Jessica

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	-0.21	0.00	1.30	-0.49	0.09	0.28	
K1-6-C13 2ND RING CARBON	0.07	2.02	0.28	0.56	0.62	0.95	
L1-6-C13 2ND RING CARBON	-0.03	-1.25	1.76	-0.88	-0.03	0.25	
MAXIMUM	-0.21	2.02	1.76	-0.88	0.62	0.95	
MINIMUM	-0.03	0.00	0.28	-0.49	-0.03	0.25	
RANGE(MAX-MIN)	-0.180	2.020	1.480	-0.390	0.650	0.700	
MEAN	-0.057	0.257	1.113	-0.270	0.227	0.493	
STANDARD DEVIATION	0.142	1.650	0.757	0.745	0.346	0.396	

HighLight Key: Red= Greater than 2.0 Yi

Lab Raters (September 28 - October 2, 2026)

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	-1.68	1.23	-1.26	-1.11	-1.48	-0.77	
K1-6-C13 2ND RING CARBON	-1.33	-1.38	-1.94	-1.55	-1.54	-2.06	
L1-6-C13 2ND RING CARBON	-0.60	-1.64	-0.66	-1.51	-1.44	-1.05	
MAXIMUM	-1.68	-1.64	-1.94	-1.55	-1.54	-2.06	
MINIMUM	-0.60	1.23	-0.66	-1.11	-1.44	-0.77	
RANGE(MAX-MIN)	-1.080	-2.870	-1.280	-0.440	-0.100	-1.290	
MEAN	-1.203	-0.597	-1.287	-1.390	-1.487	-1.293	
STANDARD DEVIATION	0.551	1.587	0.640	0.243	0.100	0.679	

HighLight Key: Red= Greater than 2.0 Yi

Lab Raters (September 28 - October 2, 2026)

Rater= McKenzie, Andrew

YI Values

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

PartID	R1DEME	R2DEME	R3DEME	R4DEME	R5DEME	R6DEME	
J1-6-C13 2ND RING CARBON							
K1-6-C13 2ND RING CARBON							
L1-6-C13 2ND RING CARBON							
MAXIMUM							
MINIMUM							
RANGE(MAX-MIN)							
MEAN							
STANDARD DEVIATION							

Lab Raters (September 28 - October 2, 2026)

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	1.20	0.74	0.53	-0.02	0.49	1.17	
K1-6-C13 2ND RING CARBON	0.53	0.49	0.55	0.93	0.91	0.43	
L1-6-C13 2ND RING CARBON	0.80	0.89	0.58	1.33	0.18	0.79	
MAXIMUM	1.20	0.89	0.58	1.33	0.91	1.17	
MINIMUM	0.53	0.49	0.53	-0.02	0.18	0.43	
RANGE(MAX-MIN)	0.670	0.400	0.050	1.350	0.730	0.740	
MEAN	0.843	0.707	0.553	0.747	0.527	0.797	
STANDARD DEVIATION	0.337	0.202	0.100	0.693	0.366	0.370	

Lab Raters (September 28 - October 2, 2026)

Rater= Rodriguez, Jesus (Jesse)

YI Values

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

PartID	R1DEME	R2DEME	R3DEME	R4DEME	R5DEME	R6DEME	
J1-6-C13 2ND RING CARBON							
K1-6-C13 2ND RING CARBON							
L1-6-C13 2ND RING CARBON							
MAXIMUM							
MINIMUM							
RANGE(MAX-MIN)							
MEAN							
STANDARD DEVIATION							

Lab Raters (September 28 - October 2, 2026)

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	0.61	-1.15	0.02	1.38	-0.04	-0.92	
K1-6-C13 2ND RING CARBON	0.22	1.58	0.55	0.86	0.96	0.33	
L1-6-C13 2ND RING CARBON	0.62	0.70	1.29	0.86	0.91	-0.20	
MAXIMUM	0.62	1.58	1.29	1.38	0.96	-0.92	
MINIMUM	0.22	0.70	0.02	0.86	-0.04	-0.20	
RANGE(MAX-MIN)	0.400	0.880	1.270	0.520	1.000	-0.720	
MEAN	0.483	0.377	0.620	1.033	0.610	-0.263	
STANDARD DEVIATION	0.228	1.393	0.638	0.300	0.563	0.627	

HighLight Key: Red= Greater than 2.0 Yi

Lab Raters (September 28 - October 2, 2026)

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	-0.01	0.77	1.19	0.65	0.06	-0.79	0.97	-0.94		
R1-8-SEQ. VH PISTONS	-0.17	0.35	0.70	0.37	0.22	-0.12	-0.64	0.34		
S1-8-SEQ. VH PISTONS										
VRCBVL-RC BFL VARN L									-1.11	
VRCBVR-RC BFL VARN R									-1.10	
MAXIMUM	-0.17	0.77	1.19	0.65	0.22	-0.79	0.97	-0.94	-1.11	
MINIMUM	-0.01	0.35	0.70	0.37	0.06	-0.12	-0.64	0.34	-1.10	
RANGE(MAX-MIN)	-0.160	0.420	0.490	0.280	0.160	-0.670	1.610	-1.280	-0.010	
MEAN	-0.170	0.350	0.700	0.370	0.060	-0.790	-0.640	-0.940	-1.110	
STANDARD DEVIATION	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	

Lab Raters (September 28 - October 2, 2026)

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	-0.21	-0.71	-0.57	0.53	-0.86	-0.03	-0.47	-0.18		
R1-8-SEQ. VH PISTONS	0.27	-0.29	-0.50	-1.35	0.18	-0.92	-0.72	-0.26		
S1-8-SEQ. VH PISTONS	-1.19	-0.22	-0.08	0.30	-0.76	-0.09	-0.51	0.39		
VRCBVL-RC BFL VARN L									-3.39	
VRCBVR-RC BFL VARN R									-1.58	
MAXIMUM	-1.19	-0.71	-0.57	-1.35	-0.86	-0.92	-0.72	0.39	-3.39	
MINIMUM	-0.21	-0.22	-0.08	0.30	0.18	-0.03	-0.47	-0.18	-1.58	
RANGE(MAX-MIN)	-0.980	-0.490	-0.490	-1.650	-1.040	-0.890	-0.250	0.570	-1.810	
MEAN	-0.377	-0.407	-0.383	-0.173	-0.480	-0.347	-0.567	-0.017	-3.390	
STANDARD DEVIATION	0.744	0.265	0.265	1.025	0.574	0.497	0.134	0.354	0.000	

HighLight Key: Red= Greater than 2.0 Yi

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Lab Raters (September 28 - October 2, 2026)

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	1.15	0.41	0.71	0.33	0.30	-0.03	0.73	0.22		
R1-8-SEQ. VH PISTONS	0.59	1.11	-0.02	0.53	0.42	0.52	0.92	0.90		
S1-8-SEQ. VH PISTONS	1.09	0.74	0.64	1.50	0.68	1.15	1.37	1.35		
VRCBVL-RC BFL VARN L									0.65	
VRCBVR-RC BFL VARN R									-0.37	
MAXIMUM	1.15	1.11	0.71	1.50	0.68	1.15	1.37	1.35	0.65	
MINIMUM	0.59	0.41	-0.02	0.33	0.30	-0.03	0.73	0.22	-0.37	
RANGE(MAX-MIN)	0.560	0.700	0.730	1.170	0.380	1.180	0.640	1.130	1.020	
MEAN	0.943	0.753	0.443	0.787	0.467	0.547	1.007	0.823	-0.370	
STANDARD DEVIATION	0.307	0.350	0.403	0.626	0.194	0.590	0.329	0.569	0.000	

HighLight Key: Red= Greater than 2.0 Yi

Lab Raters (September 28 - October 2, 2026)

Rater= Beard, Joe

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	0.75	0.85	0.43	0.33	0.34	-0.63	0.21	-0.10		
R1-8-SEQ. VH PISTONS	0.31	0.15	0.22	0.37	0.50	-0.48	0.36	0.26		
S1-8-SEQ. VH PISTONS										
VRCBVL-RC BFL VARN L									-1.03	
VRCBVR-RC BFL VARN R									-0.23	
MAXIMUM	0.75	0.85	0.43	0.37	0.50	-0.63	0.36	0.26	-1.03	
MINIMUM	0.31	0.15	0.22	0.33	0.34	-0.48	0.21	-0.10	-0.23	
RANGE(MAX-MIN)	0.440	0.700	0.210	0.040	0.160	-0.150	0.150	0.360	-0.800	
MEAN	0.310	0.150	0.220	0.330	0.340	-0.630	0.210	-0.100	-1.030	
STANDARD DEVIATION	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	

Lab Raters (September 28 - October 2, 2026)

Rater= Blackwell,Kreed

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	0.59	1.33	0.75	1.01	0.18	-0.71	1.13	0.42		
R1-8-SEQ. VH PISTONS	1.11	0.67	0.02	-0.27	0.10	-0.48	-1.08	-0.78		
S1-8-SEQ. VH PISTONS										
VRCBVL-RC BFL VARN L									0.65	
VRCBVR-RC BFL VARN R									1.62	
MAXIMUM	1.11	1.33	0.75	1.01	0.18	-0.71	1.13	-0.78	1.62	
MINIMUM	0.59	0.67	0.02	-0.27	0.10	-0.48	-1.08	0.42	0.65	
RANGE(MAX-MIN)	0.520	0.660	0.730	1.280	0.080	-0.230	2.210	-1.200	0.970	
MEAN	0.590	0.670	0.020	-0.270	0.100	-0.710	-1.080	-0.780	0.650	
STANDARD DEVIATION	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	

Lab Raters (September 28 - October 2, 2026)

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	0.91	0.93	0.35	-0.59	0.54	0.17	0.29	0.86		
R1-8-SEQ. VH PISTONS	-0.29	0.03	0.14	-0.51	-0.06	-0.32	-0.64	0.26		
S1-8-SEQ. VH PISTONS										
VRCBVL-RC BFL VARN L									0.09	
VRCBVR-RC BFL VARN R									0.25	
MAXIMUM	0.91	0.93	0.35	-0.59	0.54	-0.32	-0.64	0.86	0.25	
MINIMUM	-0.29	0.03	0.14	-0.51	-0.06	0.17	0.29	0.26	0.09	
RANGE(MAX-MIN)	1.200	0.900	0.210	-0.080	0.600	-0.490	-0.930	0.600	0.160	
MEAN	-0.290	0.030	0.140	-0.590	-0.060	-0.320	-0.640	0.260	0.090	
STANDARD DEVIATION	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	

Lab Raters (September 28 - October 2, 2026)

Rater= Cervantes,Jonathan

YI Values

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

PartID	P1MERI	P2MERI	P3MERI	P4MERI	P5MERI	P6MERI	P7MERI	P8MERI	AVERAG	
Q1-8-SEQ. VH PISTONS	0.99	1.05	0.87	1.37	0.30	1.17	0.57	0.54		
R1-8-SEQ. VH PISTONS	0.07	0.71	0.34	0.69	0.74	1.08	0.68	1.38		
S1-8-SEQ. VH PISTONS										
VRCBVL-RC BFL VARN L									0.65	
VRCBVR-RC BFL VARN R									1.62	
MAXIMUM	0.99	1.05	0.87	1.37	0.74	1.17	0.68	1.38	1.62	
MINIMUM	0.07	0.71	0.34	0.69	0.30	1.08	0.57	0.54	0.65	
RANGE(MAX-MIN)	0.920	0.340	0.530	0.680	0.440	0.090	0.110	0.840	0.970	
MEAN	0.070	0.710	0.340	0.690	0.300	1.080	0.570	0.540	0.650	
STANDARD DEVIATION	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	

Lab Raters (September 28 - October 2, 2026)

Rater= Chalkley, 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	0.51	0.53	0.23	0.01	0.74	0.65	0.41	1.06		
R1-8-SEQ. VH PISTONS	0.23	-0.05	-0.14	0.33	0.10	-0.08	-0.12	0.54		
S1-8-SEQ. VH PISTONS	-0.75	0.42	0.40	-0.34	-0.44	-0.25	-0.15	-0.01		
VRCBVL-RC BFL VARN L									-0.23	
VRCBVR-RC BFL VARN R									0.61	
MAXIMUM	-0.75	0.53	0.40	-0.34	0.74	0.65	0.41	1.06	0.61	
MINIMUM	0.23	-0.05	-0.14	0.01	0.10	-0.08	-0.12	-0.01	-0.23	
RANGE(MAX-MIN)	-0.980	0.580	0.540	-0.350	0.640	0.730	0.530	1.070	0.840	
MEAN	-0.003	0.300	0.163	0.000	0.133	0.107	0.047	0.530	-0.230	
STANDARD DEVIATION	0.662	0.308	0.276	0.335	0.591	0.478	0.315	0.535	0.000	

HighLight Key: Red= Greater than 2.0 Yi

Lab Raters (September 28 - October 2, 2026)

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	0.39	0.97	0.19	0.37	0.66	0.17	1.09	0.10		
R1-8-SEQ. VH PISTONS	-0.01	0.31	0.74	0.73	-0.74	0.00	-0.52	-0.82		
S1-8-SEQ. VH PISTONS										
VRCBVL-RC BFL VARN L									-0.99	
VRCBVR-RC BFL VARN R									-1.18	
MAXIMUM	0.39	0.97	0.74	0.73	-0.74	0.17	1.09	-0.82	-1.18	
MINIMUM	-0.01	0.31	0.19	0.37	0.66	0.00	-0.52	0.10	-0.99	
RANGE(MAX-MIN)	0.400	0.660	0.550	0.360	-1.400	0.170	1.610	-0.920	-0.190	
MEAN	-0.010	0.310	0.190	0.370	-0.740	0.000	-0.520	-0.820	-1.180	
STANDARD DEVIATION	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	

Lab Raters (September 28 - October 2, 2026)

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	0.11	-0.03	-0.09	-0.27	-0.26	-0.07	-0.55	-0.42		
R1-8-SEQ. VH PISTONS	0.19	-0.13	-0.14	0.29	0.22	0.52	0.64	0.58		
S1-8-SEQ. VH PISTONS	0.05	0.06	0.28	-0.02	0.00	0.07	-0.31	0.11		
VRCBVL-RC BFL VARN L									-0.35	
VRCBVR-RC BFL VARN R									-0.51	
MAXIMUM	0.19	-0.13	0.28	0.29	-0.26	0.52	0.64	0.58	-0.51	
MINIMUM	0.05	-0.03	-0.09	-0.02	0.00	-0.07	-0.31	0.11	-0.35	
RANGE(MAX-MIN)	0.140	-0.100	0.370	0.310	-0.260	0.590	0.950	0.470	-0.160	
MEAN	0.117	-0.033	0.017	0.000	-0.013	0.173	-0.073	0.090	-0.510	
STANDARD DEVIATION	0.100	0.100	0.229	0.281	0.240	0.308	0.629	0.500	0.000	

HighLight Key: Red= Greater than 2.0 Yi

Lab Raters (September 28 - October 2, 2026)

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	-0.53	-0.31	-0.33	-0.39	0.18	-0.47	-0.35	-0.34		
R1-8-SEQ. VH PISTONS	-0.49	0.11	0.30	-0.03	-0.18	-0.68	-0.56	-0.70		
S1-8-SEQ. VH PISTONS	-0.19	-0.70	-0.28	-0.58	-0.08	-0.45	-0.71	-0.57		
VRCBVL-RC BFL VARN L									-0.11	
VRCBVR-RC BFL VARN R									0.30	
MAXIMUM	-0.53	-0.70	-0.33	-0.58	0.18	-0.68	-0.71	-0.70	0.30	
MINIMUM	-0.19	0.11	-0.28	-0.03	-0.08	-0.45	-0.35	-0.34	-0.11	
RANGE(MAX-MIN)	-0.340	-0.810	-0.050	-0.550	0.260	-0.230	-0.360	-0.360	0.410	
MEAN	-0.403	-0.300	-0.103	-0.333	-0.027	-0.533	-0.540	-0.537	-0.110	
STANDARD DEVIATION	0.186	0.405	0.350	0.279	0.186	0.127	0.181	0.182	0.000	

HighLight Key: Red= Greater than 2.0 Yi

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Lab Raters (September 28 - October 2, 2026)

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	-0.53	-0.31	-0.33	-0.39	0.18	-0.47	-0.35	-0.34		
R1-8-SEQ. VH PISTONS	-0.49	0.11	0.30	-0.03	-0.18	-0.68	-0.56	-0.70		
S1-8-SEQ. VH PISTONS	-0.19	-0.70	-0.28	-0.58	-0.08	-0.45	-0.71	-0.57		
VRCBVL-RC BFL VARN L									-0.11	
VRCBVR-RC BFL VARN R									0.30	
MAXIMUM	-0.53	-0.70	-0.33	-0.58	0.18	-0.68	-0.71	-0.70	0.30	
MINIMUM	-0.19	0.11	-0.28	-0.03	-0.08	-0.45	-0.35	-0.34	-0.11	
RANGE(MAX-MIN)	-0.340	-0.810	-0.050	-0.550	0.260	-0.230	-0.360	-0.360	0.410	
MEAN	-0.403	-0.300	-0.103	-0.333	-0.027	-0.533	-0.540	-0.537	-0.110	
STANDARD DEVIATION	0.186	0.405	0.350	0.279	0.186	0.127	0.181	0.182	0.000	

HighLight Key: Red= Greater than 2.0 Yi

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Lab Raters (September 28 - October 2, 2026)

Rater= Garcia, Jessica

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	-0.01	0.09	-0.17	-0.63	0.02	-0.03	-0.15	-0.46		
R1-8-SEQ. VH PISTONS	0.79	0.03	0.46	-0.27	-0.30	-0.56	-0.20	-1.26		
S1-8-SEQ. VH PISTONS										
VRCBVL-RC BFL VARN L									0.65	
VRCBVR-RC BFL VARN R									1.62	
MAXIMUM	0.79	0.09	0.46	-0.63	-0.30	-0.56	-0.20	-1.26	1.62	
MINIMUM	-0.01	0.03	-0.17	-0.27	0.02	-0.03	-0.15	-0.46	0.65	
RANGE(MAX-MIN)	0.800	0.060	0.630	-0.360	-0.320	-0.530	-0.050	-0.800	0.970	
MEAN	-0.010	0.030	-0.170	-0.630	-0.300	-0.560	-0.200	-1.260	0.650	
STANDARD DEVIATION	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	

Lab Raters (September 28 - October 2, 2026)

Rater= Lonsway, Chris

YI Values

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

PartID	P1MERI	P2MERI	P3MERI	P4MERI	P5MERI	P6MERI	P7MERI	P8MERI	AVERAG	
Q1-8-SEQ. VH PISTONS	-0.29	-0.47	-0.57	0.09	-0.38	0.09	-0.59	-0.34		
R1-8-SEQ. VH PISTONS	0.11	-0.09	0.02	-0.71	-0.62	-0.44	-0.56	-0.98		
S1-8-SEQ. VH PISTONS	-0.11	-0.98	0.32	-1.90	-0.56	-0.29	1.01	-0.45		
VRCBVL-RC BFL VARN L									0.25	
VRCBVR-RC BFL VARN R									-1.58	
MAXIMUM	-0.29	-0.98	-0.57	-1.90	-0.62	-0.44	1.01	-0.98	-1.58	
MINIMUM	0.11	-0.09	0.02	0.09	-0.38	0.09	-0.56	-0.34	0.25	
RANGE(MAX-MIN)	-0.400	-0.890	-0.590	-1.990	-0.240	-0.530	1.570	-0.640	-1.830	
MEAN	-0.097	-0.513	-0.077	-0.840	-0.520	-0.213	-0.047	-0.590	-1.580	
STANDARD DEVIATION	0.200	0.447	0.453	1.001	0.125	0.273	0.915	0.342	0.000	

HighLight Key: Red= Greater than 2.0 Yi

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Lab Raters (September 28 - October 2, 2026)

Rater= McKenzie, Andrew

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	1.03	0.13	0.63	1.05	-0.06	-0.19	0.57	0.18		
R1-8-SEQ. VH PISTONS	-0.49	0.11	-0.14	-0.23	-0.02	-0.36	-0.24	0.50		
S1-8-SEQ. VH PISTONS										
VRCBVL-RC BFL VARN L									-0.23	
VRCBVR-RC BFL VARN R									0.25	
MAXIMUM	1.03	0.13	0.63	1.05	-0.06	-0.36	0.57	0.50	0.25	
MINIMUM	-0.49	0.11	-0.14	-0.23	-0.02	-0.19	-0.24	0.18	-0.23	
RANGE(MAX-MIN)	1.520	0.020	0.770	1.280	-0.040	-0.170	0.810	0.320	0.480	
MEAN	-0.490	0.110	-0.140	-0.230	-0.060	-0.360	-0.240	0.180	-0.230	
STANDARD DEVIATION	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	

HighLight Key: Red= Greater than 2.0 Yi

Lab Raters (September 28 - October 2, 2026)

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	-0.73	-0.75	-0.25	-0.63	-1.10	-0.83	-0.59	-0.90		
R1-8-SEQ. VH PISTONS	-1.17	-0.01	0.02	-0.03	-0.38	-0.16	-0.48	0.18		
S1-8-SEQ. VH PISTONS	-0.19	0.14	-0.76	0.50	0.28	-0.05	-0.63	-0.17		
VRCBVL-RC BFL VARN L									-0.11	
VRCBVR-RC BFL VARN R									1.62	
MAXIMUM	-1.17	-0.75	-0.76	-0.63	-1.10	-0.83	-0.63	-0.90	1.62	
MINIMUM	-0.19	-0.01	0.02	-0.03	0.28	-0.05	-0.48	-0.17	-0.11	
RANGE(MAX-MIN)	-0.980	-0.740	-0.780	-0.600	-1.380	-0.780	-0.150	-0.730	1.730	
MEAN	-0.697	-0.207	-0.330	-0.053	-0.400	-0.347	-0.567	-0.297	-0.110	
STANDARD DEVIATION	0.491	0.476	0.396	0.565	0.690	0.422	0.100	0.551	0.000	

HighLight Key: Red= Greater than 2.0 Yi

Lab Raters (September 28 - October 2, 2026)

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	0.55	1.33	0.75	0.97	0.10	-0.67	1.09	0.26		
R1-8-SEQ. VH PISTONS	1.07	0.71	0.02	-0.27	0.10	-0.52	-1.04	-0.74		
S1-8-SEQ. VH PISTONS										
VRCBVL-RC BFL VARN L									0.89	
VRCBVR-RC BFL VARN R									-0.90	
MAXIMUM	1.07	1.33	0.75	0.97	0.10	-0.67	1.09	-0.74	-0.90	
MINIMUM	0.55	0.71	0.02	-0.27	0.10	-0.52	-1.04	0.26	0.89	
RANGE(MAX-MIN)	0.520	0.620	0.730	1.240	0.000	-0.150	2.130	-1.000	-1.790	
MEAN	0.550	0.710	0.020	-0.270	0.100	-0.670	-1.040	-0.740	-0.900	
STANDARD DEVIATION	0.000	0.000	0.000	0.000	0.100	0.000	0.000	0.000	0.000	

Lab Raters (September 28 - October 2, 2026)

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	-0.21	0.61	0.31	0.85	0.50	0.65	0.93	0.74		
R1-8-SEQ. VH PISTONS	0.51	0.15	-0.06	-0.39	0.46	0.32	0.16	-0.50		
S1-8-SEQ. VH PISTONS	0.09	0.30	-0.60	0.82	0.12	-0.17	-0.55	-0.25		
VRCBVL-RC BFL VARN L									-0.11	
VRCBVR-RC BFL VARN R									-0.09	
MAXIMUM	0.51	0.61	-0.60	0.85	0.50	0.65	0.93	0.74	-0.11	
MINIMUM	0.09	0.15	-0.06	-0.39	0.12	-0.17	0.16	-0.25	-0.09	
RANGE(MAX-MIN)	0.420	0.460	-0.540	1.240	0.380	0.820	0.770	0.990	-0.020	
MEAN	0.130	0.353	-0.117	0.427	0.360	0.267	0.180	-0.003	-0.110	
STANDARD DEVIATION	0.362	0.235	0.458	0.707	0.209	0.413	0.740	0.656	0.000	

HighLight Key: Red= Greater than 2.0 Yi

Lab Raters (September 28 - October 2, 2026)

Rater= Allen ,Duane

YI Values

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

PartID	TOTALS	
ISMOP-ISM OIL PAN	-0.07	
ISMRC-ISM ROCKER COVER	0.79	
VOP-OIL PAN SLUDGE	-0.07	
VOPB-OIL PAN BFL SLUDGE	0.29	
VRCBL-RC BFL SLUDGE L	-0.40	
VRCBR-RC BFL SLUDGE R	-1.15	
VRCL-RC SLUDGE L	-0.14	
VRCR-RC SLUDGE R	-0.69	
VTCC-TC CVR SLUDGE	-0.08	
VVDL-VALVE DECK SLUDGE L	0.21	
VVDR-VALVE DECK SLUDGE R	0.85	
MAXIMUM	-1.15	
MINIMUM	-0.07	
RANGE(MAX-MIN)	-1.080	
MEAN	-0.042	
STANDARD DEVIATION	0.587	

HighLight Key: Red= Greater than 2.0 Yi

Lab Raters (September 28 - October 2, 2026)

Rater= Austin, Philip

YI Values

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

PartID	TOTALS	
ISMOP-ISM OIL PAN	0.93	
ISMRC-ISM ROCKER COVER	0.72	
VOP-OIL PAN SLUDGE	1.07	
VOPB-OIL PAN BFL SLUDGE	0.15	
VRCBL-RC BFL SLUDGE L	0.13	
VRCBR-RC BFL SLUDGE R	0.45	
VRCL-RC SLUDGE L	0.59	
VRCR-RC SLUDGE R	0.85	
VTCC-TC CVR SLUDGE	1.06	
VVDL-VALVE DECK SLUDGE L	-0.12	
VVDR-VALVE DECK SLUDGE R	-0.15	
MAXIMUM	1.07	
MINIMUM	-0.12	
RANGE(MAX-MIN)	1.190	
MEAN	0.516	
STANDARD DEVIATION	0.455	

Lab Raters (September 28 - October 2, 2026)

Rater= Barrera, Tony

YI Values

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

PartID	TOTALS	
ISMOP-ISM OIL PAN	-0.73	
ISMRC-ISM ROCKER COVER	0.39	
VOP-OIL PAN SLUDGE	1.13	
VOPB-OIL PAN BFL SLUDGE	1.55	
VRCBL-RC BFL SLUDGE L	1.73	
VRCBR-RC BFL SLUDGE R	1.45	
VRCL-RC SLUDGE L	-1.48	
VRCR-RC SLUDGE R	0.65	
VTCC-TC CVR SLUDGE	1.06	
VVDL-VALVE DECK SLUDGE L	1.28	
VVDR-VALVE DECK SLUDGE R	1.31	
MAXIMUM	1.73	
MINIMUM	0.39	
RANGE(MAX-MIN)	1.340	
MEAN	0.758	
STANDARD DEVIATION	1.011	

Lab Raters (September 28 - October 2, 2026)

Rater= Beard, Joe

YI Values

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

PartID	TOTALS	
ISMOP-ISM OIL PAN	0.87	
ISMRC-ISM ROCKER COVER	1.12	
VOP-OIL PAN SLUDGE	-0.33	
VOPB-OIL PAN BFL SLUDGE	1.02	
VRCBL-RC BFL SLUDGE L	0.20	
VRCBR-RC BFL SLUDGE R	0.11	
VRCL-RC SLUDGE L	-0.21	
VRCR-RC SLUDGE R	-0.42	
VTCC-TC CVR SLUDGE	0.32	
VVDL-VALVE DECK SLUDGE L	-0.46	
VVDR-VALVE DECK SLUDGE R	0.18	
MAXIMUM	1.12	
MINIMUM	0.11	
RANGE(MAX-MIN)	1.010	
MEAN	0.218	
STANDARD DEVIATION	0.571	

Lab Raters (September 28 - October 2, 2026)

Rater= Blackwell,Kreed

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	-0.13	
VOPB-OIL PAN BFL SLUDGE	0.15	
VRCBL-RC BFL SLUDGE L	-0.13	
VRCBR-RC BFL SLUDGE R	-0.62	
VRCL-RC SLUDGE L	-1.28	
VRCR-RC SLUDGE R	0.91	
VTCC-TC CVR SLUDGE	-0.61	
VVDL-VALVE DECK SLUDGE L	0.48	
VVDR-VALVE DECK SLUDGE R	0.05	
MAXIMUM	-1.28	
MINIMUM	0.05	
RANGE(MAX-MIN)	-1.330	
MEAN	-0.131	
STANDARD DEVIATION	0.648	

Lab Raters (September 28 - October 2, 2026)

Rater= Cales, Jonathon | YI Values | * Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	TOTALS	
ISMOP-ISM OIL PAN	1.87	
ISMRC-ISM ROCKER COVER	-0.94	
VOP-OIL PAN SLUDGE	0.00	
VOPB-OIL PAN BFL SLUDGE	-0.11	
VRCBL-RC BFL SLUDGE L	0.07	
VRCBR-RC BFL SLUDGE R	-0.02	
VRCL-RC SLUDGE L	0.39	
VRCR-RC SLUDGE R	0.58	
VTCC-TC CVR SLUDGE	-0.08	
VVDL-VALVE DECK SLUDGE L	0.08	
VVDR-VALVE DECK SLUDGE R	0.18	
MAXIMUM	1.87	
MINIMUM	0.00	
RANGE(MAX-MIN)	1.870	
MEAN	0.184	
STANDARD DEVIATION	0.675	

Lab Raters (September 28 - October 2, 2026)

Rater= Cervantes,Jonathan

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	-0.13	
VOPB-OIL PAN BFL SLUDGE	0.15	
VRCBL-RC BFL SLUDGE L	-0.13	
VRCBR-RC BFL SLUDGE R	-0.62	
VRCL-RC SLUDGE L	-1.48	
VRCR-RC SLUDGE R	0.91	
VTCC-TC CVR SLUDGE	-0.61	
VVDL-VALVE DECK SLUDGE L	0.21	
VVDR-VALVE DECK SLUDGE R	0.05	
MAXIMUM	-1.48	
MINIMUM	0.05	
RANGE(MAX-MIN)	-1.530	
MEAN	-0.183	
STANDARD DEVIATION	0.669	

Lab Raters (September 28 - October 2, 2026)

Rater= Chalkley, Gerald

YI Values

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

PartID	TOTALS	
ISMOP-ISM OIL PAN	0.53	
ISMRC-ISM ROCKER COVER	0.39	
VOP-OIL PAN SLUDGE	0.27	
VOPB-OIL PAN BFL SLUDGE	-0.11	
VRCBL-RC BFL SLUDGE L	0.07	
VRCBR-RC BFL SLUDGE R	-0.02	
VRCL-RC SLUDGE L	0.39	
VRCR-RC SLUDGE R	0.58	
VTCC-TC CVR SLUDGE	-0.08	
VVDL-VALVE DECK SLUDGE L	0.08	
VVDR-VALVE DECK SLUDGE R	0.18	
MAXIMUM	0.58	
MINIMUM	-0.02	
RANGE(MAX-MIN)	0.600	
MEAN	0.207	
STANDARD DEVIATION	0.242	

Lab Raters (September 28 - October 2, 2026)

Rater= Cumberworth, Lee

YI Values

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

PartID	TOTALS	
ISMOP-ISM OIL PAN	0.80	
ISMRC-ISM ROCKER COVER	0.19	
VOP-OIL PAN SLUDGE	0.53	
VOPB-OIL PAN BFL SLUDGE	0.75	
VRCBL-RC BFL SLUDGE L	0.40	
VRCBR-RC BFL SLUDGE R	-0.15	
VRCL-RC SLUDGE L	-0.48	
VRCR-RC SLUDGE R	0.05	
VTCC-TC CVR SLUDGE	0.06	
VVDL-VALVE DECK SLUDGE L	0.74	
VVDR-VALVE DECK SLUDGE R	0.85	
MAXIMUM	0.85	
MINIMUM	0.05	
RANGE(MAX-MIN)	0.800	
MEAN	0.340	
STANDARD DEVIATION	0.440	

Lab Raters (September 28 - October 2, 2026)

Rater= DeCapite, Vanessa

YI Values

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

PartID	TOTALS	
ISMOP-ISM OIL PAN	-0.07	
ISMRC-ISM ROCKER COVER	0.06	
VOP-OIL PAN SLUDGE	-0.87	
VOPB-OIL PAN BFL SLUDGE	-0.45	
VRCBL-RC BFL SLUDGE L	-0.40	
VRCBR-RC BFL SLUDGE R	-0.82	
VRCL-RC SLUDGE L	0.12	
VRCR-RC SLUDGE R	-0.35	
VTCC-TC CVR SLUDGE	-0.34	
VVDL-VALVE DECK SLUDGE L	-0.39	
VVDR-VALVE DECK SLUDGE R	-0.82	
MAXIMUM	-0.87	
MINIMUM	0.06	
RANGE(MAX-MIN)	-0.930	
MEAN	-0.394	
STANDARD DEVIATION	0.342	

Lab Raters (September 28 - October 2, 2026)

Rater= Dominguez, Lucio

YI Values

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

PartID	TOTALS	
ISMOP-ISM OIL PAN	0.00	
ISMRC-ISM ROCKER COVER	-0.61	
VOP-OIL PAN SLUDGE	-0.47	
VOPB-OIL PAN BFL SLUDGE	-0.11	
VRCBL-RC BFL SLUDGE L	-0.13	
VRCBR-RC BFL SLUDGE R	0.18	
VRCL-RC SLUDGE L	0.12	
VRCR-RC SLUDGE R	-0.22	
VTCC-TC CVR SLUDGE	-0.34	
VVDL-VALVE DECK SLUDGE L	-0.39	
VVDR-VALVE DECK SLUDGE R	-0.29	
MAXIMUM	-0.61	
MINIMUM	0.00	
RANGE(MAX-MIN)	-0.610	
MEAN	-0.205	
STANDARD DEVIATION	0.246	

Lab Raters (September 28 - October 2, 2026)

Rater= Garcia, Jessica

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	0.20	
VOPB-OIL PAN BFL SLUDGE	0.02	
VRCBL-RC BFL SLUDGE L	-0.13	
VRCBR-RC BFL SLUDGE R	-0.49	
VRCL-RC SLUDGE L	-0.41	
VRCR-RC SLUDGE R	0.05	
VTCC-TC CVR SLUDGE	-0.34	
VVDL-VALVE DECK SLUDGE L	0.01	
VVDR-VALVE DECK SLUDGE R	-0.29	
MAXIMUM	-0.49	
MINIMUM	0.01	
RANGE(MAX-MIN)	-0.500	
MEAN	-0.153	
STANDARD DEVIATION	0.239	

Lab Raters (September 28 - October 2, 2026)

Rater= Lonsway, Chris

YI Values

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

PartID	TOTALS	
ISMOP-ISM OIL PAN	0.20	
ISMRC-ISM ROCKER COVER	0.39	
VOP-OIL PAN SLUDGE	0.33	
VOPB-OIL PAN BFL SLUDGE	-0.11	
VRCBL-RC BFL SLUDGE L	-1.13	
VRCBR-RC BFL SLUDGE R	-0.69	
VRCL-RC SLUDGE L	1.12	
VRCR-RC SLUDGE R	0.11	
VTCC-TC CVR SLUDGE	0.06	
VVDL-VALVE DECK SLUDGE L	0.74	
VVDR-VALVE DECK SLUDGE R	-0.02	
MAXIMUM	-1.13	
MINIMUM	-0.02	
RANGE(MAX-MIN)	-1.110	
MEAN	0.091	
STANDARD DEVIATION	0.616	

Lab Raters (September 28 - October 2, 2026)

Rater= McKenzie, Andrew

YI Values

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

PartID	TOTALS	
ISMOP-ISM OIL PAN	0.60	
ISMRC-ISM ROCKER COVER	2.06	
VOP-OIL PAN SLUDGE	0.00	
VOPB-OIL PAN BFL SLUDGE	-0.11	
VRCBL-RC BFL SLUDGE L	0.07	
VRCBR-RC BFL SLUDGE R	-0.02	
VRCL-RC SLUDGE L	0.39	
VRCR-RC SLUDGE R	0.58	
VTCC-TC CVR SLUDGE	-0.08	
VVDL-VALVE DECK SLUDGE L	0.08	
VVDR-VALVE DECK SLUDGE R	0.18	
MAXIMUM	2.06	
MINIMUM	0.00	
RANGE(MAX-MIN)	2.060	
MEAN	0.169	
STANDARD DEVIATION	0.264	

Lab Raters (September 28 - October 2, 2026)

Rater= Ragsdale, Kirt

YI Values

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

PartID	TOTALS	
ISMOP-ISM OIL PAN	-0.07	
ISMRC-ISM ROCKER COVER	-0.41	
VOP-OIL PAN SLUDGE	-0.53	
VOPB-OIL PAN BFL SLUDGE	-0.65	
VRCBL-RC BFL SLUDGE L	-0.07	
VRCBR-RC BFL SLUDGE R	-0.29	
VRCL-RC SLUDGE L	0.06	
VRCR-RC SLUDGE R	-0.69	
VTCC-TC CVR SLUDGE	-0.14	
VVDL-VALVE DECK SLUDGE L	-0.92	
VVDR-VALVE DECK SLUDGE R	-0.35	
MAXIMUM	-0.92	
MINIMUM	0.06	
RANGE(MAX-MIN)	-0.980	
MEAN	-0.369	
STANDARD DEVIATION	0.306	

Lab Raters (September 28 - October 2, 2026)

Rater= Rodriguez, Jesus (Jesse) YI Values * Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	TOTALS	
ISMOP-ISM OIL PAN	2.93	
ISMRC-ISM ROCKER COVER	-1.01	
VOP-OIL PAN SLUDGE	1.07	
VOPB-OIL PAN BFL SLUDGE	1.49	
VRCBL-RC BFL SLUDGE L	0.47	
VRCBR-RC BFL SLUDGE R	-0.95	
VRCL-RC SLUDGE L	0.06	
VRCR-RC SLUDGE R	0.05	
VTCC-TC CVR SLUDGE	0.12	
VVDL-VALVE DECK SLUDGE L	0.14	
VVDR-VALVE DECK SLUDGE R	0.58	
MAXIMUM	2.93	
MINIMUM	0.05	
RANGE(MAX-MIN)	2.880	
MEAN	0.450	
STANDARD DEVIATION	1.106	

Lab Raters (September 28 - October 2, 2026)

Rater= Sanchez, Christopher

YI Values

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

PartID	TOTALS	
ISMOP-ISM OIL PAN	0.13	
ISMRC-ISM ROCKER COVER	-0.21	
VOP-OIL PAN SLUDGE	0.13	
VOPB-OIL PAN BFL SLUDGE	-0.11	
VRCBL-RC BFL SLUDGE L	-0.07	
VRCBR-RC BFL SLUDGE R	0.18	
VRCL-RC SLUDGE L	-0.34	
VRCR-RC SLUDGE R	-0.09	
VTCC-TC CVR SLUDGE	-0.21	
VVDL-VALVE DECK SLUDGE L	-0.39	
VVDR-VALVE DECK SLUDGE R	-0.02	
MAXIMUM	-0.39	
MINIMUM	-0.02	
RANGE(MAX-MIN)	-0.370	
MEAN	-0.091	
STANDARD DEVIATION	0.189	