

VH - Report Period: OCT 2025
Where SAE vis grade is 0W-16, 0W-20, 0W-30, 5W-20, 5W-30, or 10W-30
Status Of Reported Tests

STATUS	COUNT	PERCENT
Valid	31	100
Total Reported Tests	31	100

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Replicate Database Report

Components of Replicate Database	OCT 2025	All Periods
Number of Tests	1	35
Formulations	1	16
Labs	1	2
Stands	1	10

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by-Formulation Pooled s and Reproducibility of Replicate Data

Report Period	Parameter	Degrees of Freedom	Pooled s	R
OCT 2025	AES	0	0.00000	0.00000
OCT 2025	RACS	0	0.00000	0.00000
OCT 2025	AEV50	0	0.00000	0.00000
OCT 2025	APV	0	0.00000	0.00000
OCT 2025	AES (Without SA)	0	0.00000	0.00000
OCT 2025	RACS (Without SA)	0	0.00000	0.00000
OCT 2025	AEV50 (Without SA)	0	0.00000	0.00000
OCT 2025	APV50 (Without SA)	0	0.00000	0.00000
All	AES	19	0.60974	1.70729
All	RACS	19	0.31741	0.88875
All	AEV50	19	0.24489	0.68569
All	APV	19	0.74099	2.07478
All	AES (Without SA)	19	0.54021	1.51258
All	RACS (Without SA)	19	0.36145	1.01205
All	AEV50 (Without SA)	19	0.25945	0.72647
All	APV50 (Without SA)	19	0.72520	2.03056

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Pass/Fail
AES >=7.6 RACS >=7.7 AEV50 >=8.6 APV >=7.6

Report Period	API Category	N	Number Passed	% Passed
OCT 2025	All Categories, All Parameters	31	30	96.774
OCT 2025	ILSAC - All Parameters	31	30	96.774
OCT 2025	ILSAC, AES	31	30	96.774
OCT 2025	ILSAC, AES (Without SA)	31	29	93.548
OCT 2025	ILSAC, AEV50	31	31	100.000
OCT 2025	ILSAC, AEV50 (Without SA)	31	29	93.548
OCT 2025	ILSAC, APV	31	31	100.000
OCT 2025	ILSAC, APV50 (Without SA)	31	28	90.323
OCT 2025	ILSAC, RACS	31	30	96.774
OCT 2025	ILSAC, RACS (Without SA)	31	30	96.774
All	All Categories, All Parameters	885	707	79.887
All	ILSAC - All Parameters	885	707	79.887
All	ILSAC, AES	885	778	87.910
All	ILSAC, AES (Without SA)	885	770	87.006
All	ILSAC, AEV50	885	809	91.412
All	ILSAC, AEV50 (Without SA)	885	781	88.249
All	ILSAC, APV	885	808	91.299
All	ILSAC, APV50 (Without SA)	885	775	87.571
All	ILSAC, RACS	885	840	94.915
All	ILSAC, RACS (Without SA)	885	844	95.367

ACC Monitoring Agency

203 Armstrong Drive, Freeport, PA 16229, USA

<https://www.acc-ma.org>
412-365-1000

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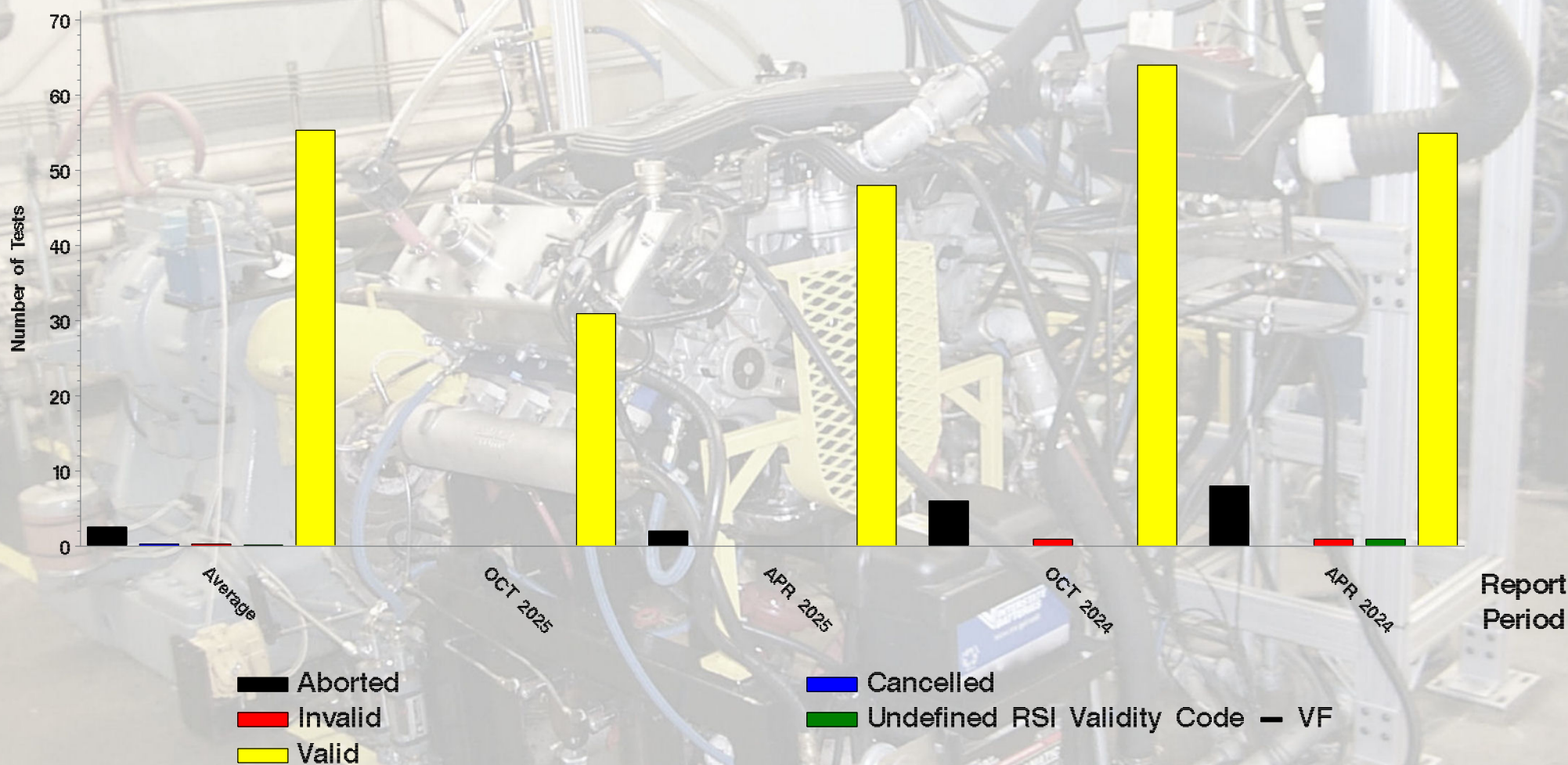


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