

VH - Report Period: OCT 2023
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
Aborted	2	4.082
Cancelled	2	4.082
Valid	45	91.837
Total Reported Tests	49	100.000

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Itemized Lost Test Report

Obs	Date	TESTKEY	REASON
1	20230630	ACC-33902	Test Terminated At Sponsor Request
2	20230818	ACC-34027	Test Aborted Due To Operator Error During Oil Level
3	20230824	ACC-34139	Test Terminated At Sponsor Request
4	20230918	ACC-34268	Test Aborted Due To Internal Oil Leak

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Replicate Database Report

Components of Replicate Database	OCT 2023	All Periods
Number of Tests	4	20
Formulations	2	9
Labs	1	2
Stands	3	9

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by-Formulation Pooled s and Reproducibility of Replicate Data

Report Period	Parameter	Degrees of Freedom	Pooled s	R
OCT 2023	AES	2	0.08500	0.23800
OCT 2023	RACS	2	0.08732	0.24450
OCT 2023	AEV50	2	0.35089	0.98250
OCT 2023	APV	2	0.64049	1.79337
OCT 2023	AES (Without SA)	2	0.04610	0.12907
OCT 2023	RACS (Without SA)	2	0.06727	0.18835
OCT 2023	AEV50 (Without SA)	2	0.33305	0.93255
OCT 2023	APV50 (Without SA)	2	0.78270	2.19157
All	AES	11	0.45919	1.28573
All	RACS	11	0.17655	0.49435
All	AEV50	11	0.27203	0.76169
All	APV	11	0.75099	2.10278
All	AES (Without SA)	11	0.46712	1.30794
All	RACS (Without SA)	11	0.13561	0.37970
All	AEV50 (Without SA)	11	0.28170	0.78875
All	APV50 (Without SA)	11	0.74666	2.09066

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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 2023	All Categories, All Parameters	45	34	75.5556
OCT 2023	ILSAC - All Parameters	45	34	75.5556
OCT 2023	ILSAC, AES	45	38	84.4444
OCT 2023	ILSAC, AES (Without SA)	45	38	84.4444
OCT 2023	ILSAC, AEV50	45	41	91.1111
OCT 2023	ILSAC, AEV50 (Without SA)	45	35	77.7778
OCT 2023	ILSAC, APV	45	41	91.1111
OCT 2023	ILSAC, APV50 (Without SA)	45	37	82.2222
OCT 2023	ILSAC, RACS	45	44	97.7778
OCT 2023	ILSAC, RACS (Without SA)	45	44	97.7778
All	All Categories, All Parameters	684	562	82.1637
All	ILSAC - All Parameters	684	562	82.1637
All	ILSAC, AES	684	602	88.0117
All	ILSAC, AES (Without SA)	684	612	89.4737
All	ILSAC, AEV50	684	637	93.1287
All	ILSAC, AEV50 (Without SA)	684	622	90.9357
All	ILSAC, APV	684	636	92.9825
All	ILSAC, APV50 (Without SA)	684	612	89.4737
All	ILSAC, RACS	684	650	95.0292
All	ILSAC, RACS (Without SA)	684	659	96.3450

ACC Monitoring Agency

203 Armstrong Drive, Freeport, PA 16229, USA

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

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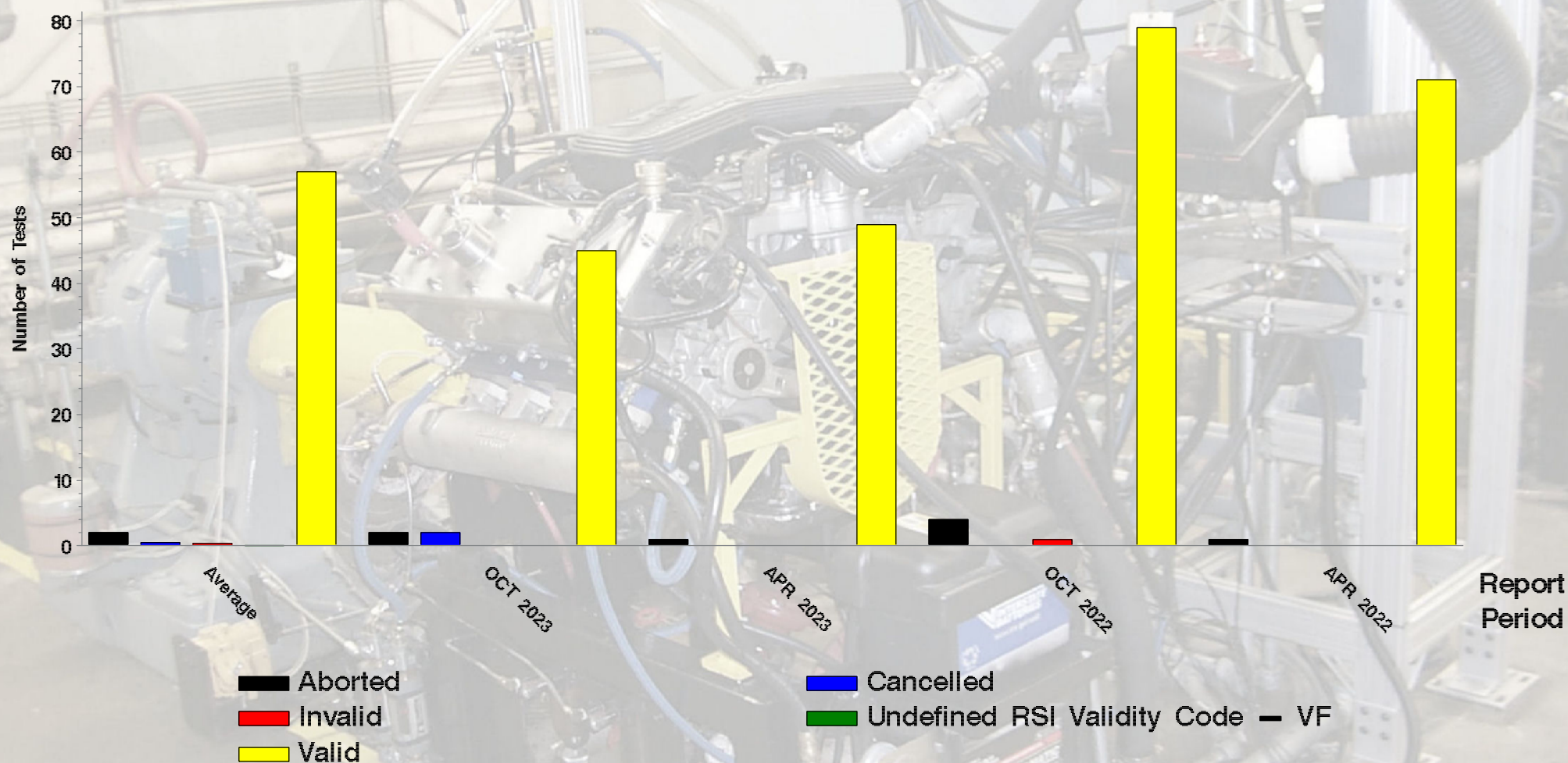


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Status of Reported Tests



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Candidate Precision as Represented by Pooled S

