

VH - Report Period: APR 2022
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	1	1.613
Valid	61	98.387
Total Reported Tests	62	100.000

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Where SAE vis grade is 0W-16, 0W-20, 0W-30, 5W-20, 5W-30, or 10W-30
Itemized Lost Test Report

Obs	Date	TESTKEY	REASON
1	20211129	ACC-31373	No Explanation Available

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Replicate Database Report

Components of Replicate Database	APR 2022	All Periods
Number of Tests	4	14
Formulations	2	6
Labs	2	2
Stands	4	9

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Where SAE vis grade is 0W-16, 0W-20, 0W-30, 5W-20, 5W-30, or 10W-30
by-Formulation Pooled s and Reproducibility of Replicate Data

Report Period	Parameter	Degrees of Freedom	Pooled s	R
APR 2022	AES	2	0.24546	0.68728
APR 2022	RACS	2	0.04717	0.13208
APR 2022	AEV50	2	0.17103	0.47887
APR 2022	APV	2	0.41428	1.15997
APR 2022	AES (Without SA)	2	0.24546	0.68728
APR 2022	RACS (Without SA)	2	0.04472	0.12522
APR 2022	AEV50 (Without SA)	2	0.17103	0.47887
APR 2022	APV50 (Without SA)	2	0.41428	1.15997
All	AES	8	0.53394	1.49504
All	RACS	8	0.20082	0.56230
All	AEV50	8	0.20511	0.57431
All	APV	8	0.82032	2.29689
All	AES (Without SA)	8	0.54497	1.52593
All	RACS (Without SA)	8	0.15296	0.42830
All	AEV50 (Without SA)	8	0.23446	0.65650
All	APV50 (Without SA)	8	0.78281	2.19186

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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
APR 2022	All Categories, All Parameters	61	55	90.1639
APR 2022	ILSAC - All Parameters	61	55	90.1639
APR 2022	ILSAC, AES	61	58	95.0820
APR 2022	ILSAC, AES (Without SA)	61	60	98.3607
APR 2022	ILSAC, AEV50	61	59	96.7213
APR 2022	ILSAC, AEV50 (Without SA)	61	59	96.7213
APR 2022	ILSAC, APV	61	60	98.3607
APR 2022	ILSAC, APV50 (Without SA)	61	58	95.0820
APR 2022	ILSAC, RACS	61	60	98.3607
APR 2022	ILSAC, RACS (Without SA)	61	60	98.3607
All	All Categories, All Parameters	500	412	82.4000
All	ILSAC - All Parameters	500	412	82.4000
All	ILSAC, AES	500	434	86.8000
All	ILSAC, AES (Without SA)	500	443	88.6000
All	ILSAC, AEV50	500	471	94.2000
All	ILSAC, AEV50 (Without SA)	500	465	93.0000
All	ILSAC, APV	500	469	93.8000
All	ILSAC, APV50 (Without SA)	500	455	91.0000
All	ILSAC, RACS	500	472	94.4000
All	ILSAC, RACS (Without SA)	500	479	95.8000



Monitoring Agency

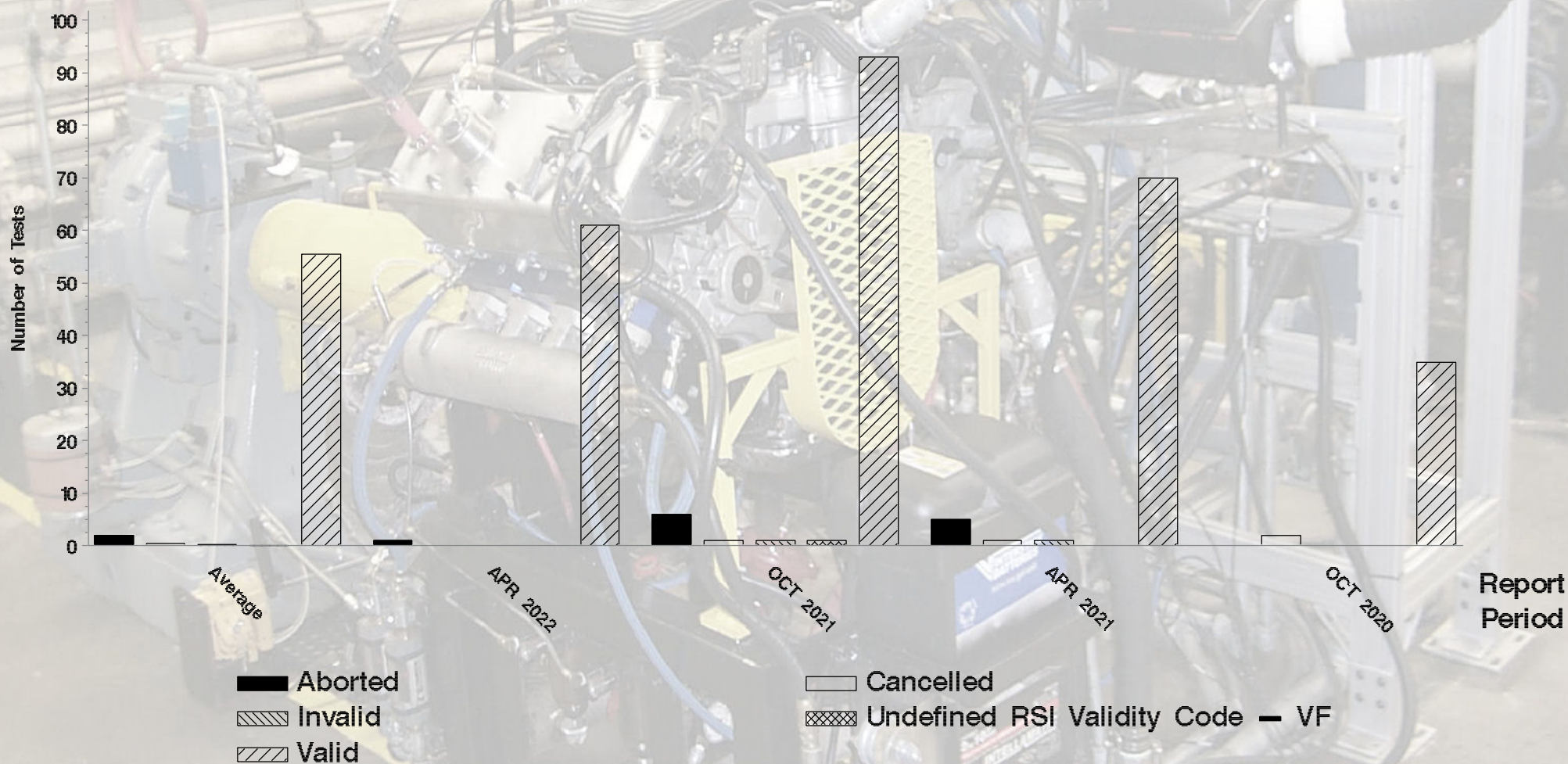
6555 Penn Avenue, Pittsburgh, PA 15206

<https://acc-ma.org>

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Where SAE vis grade is 0W-16, 0W-20, 0W-30, 5W-20, 5W-30, or 10W-30

Status of Reported Tests





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Where SAE vis grade is 0W-16, 0W-20, 0W-30, 5W-20, 5W-30, or 10W-30
Candidate Precision as Represented by Pooled S

