

VH - Report Period: APR 2021
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	5	7.143
Invalid	1	1.429
Valid	64	91.429
Total Reported Tests	70	100.000

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Itemized Lost Test Report

Obs	Date	TESTKEY	REASON
1	20210202	ACC-29666	No Explanation Available
2	20210205	ACC-29689	No Explanation Available
3	20210205	ACC-29671	No Explanation Available
4	20210210	ACC-29711	No Explanation Available
5	20210211	ACC-29715	No Explanation Available
6	20210211	ACC-29721	No Explanation Available

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Replicate Database Report

Components of Replicate Database	APR 2021	All Periods
Number of Tests	3	7
Formulations	1	3
Labs	1	2
Stands	2	5

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by-Formulation Pooled s and Reproducibility of Replicate Data

Report Period	Parameter	Degrees of Freedom	Pooled s	R
APR 2021	AES	2	0.34962	0.97893
APR 2021	RACS	2	0.18877	0.52855
APR 2021	AEV50	2	0.18193	0.50942
APR 2021	APV	2	0.95270	2.66755
APR 2021	AES (Without SA)	2	0.34962	0.97893
APR 2021	RACS (Without SA)	2	0.12055	0.33755
APR 2021	AEV50 (Without SA)	2	0.31134	0.87176
APR 2021	APV50 (Without SA)	2	0.95270	2.66755
All	AES	4	0.65659	1.83847
All	RACS	4	0.27880	0.78064
All	AEV50	4	0.23982	0.67149
All	APV	4	1.11644	3.12604
All	AES (Without SA)	4	0.66024	1.84867
All	RACS (Without SA)	4	0.20912	0.58552
All	AEV50 (Without SA)	4	0.27734	0.77655
All	APV50 (Without SA)	4	1.06086	2.97041

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

Report Period	API Category	N	Number Passed	% Passed
APR 2021	All Categories, All Parameters	64	53	82.8125
APR 2021	ILSAC - All Parameters	64	53	82.8125
APR 2021	ILSAC, AES	64	58	90.6250
APR 2021	ILSAC, AES (Without SA)	64	61	95.3125
APR 2021	ILSAC, AEV50	64	61	95.3125
APR 2021	ILSAC, AEV50 (Without SA)	64	61	95.3125
APR 2021	ILSAC, APV	64	61	95.3125
APR 2021	ILSAC, APV50 (Without SA)	64	62	96.8750
APR 2021	ILSAC, RACS	64	58	90.6250
APR 2021	ILSAC, RACS (Without SA)	64	60	93.7500
All	All Categories, All Parameters	340	272	80.0000
All	ILSAC - All Parameters	340	272	80.0000
All	ILSAC, AES	340	289	85.0000
All	ILSAC, AES (Without SA)	340	294	86.4706
All	ILSAC, AEV50	340	318	93.5294
All	ILSAC, AEV50 (Without SA)	340	316	92.9412
All	ILSAC, APV	340	314	92.3529
All	ILSAC, APV50 (Without SA)	340	305	89.7059
All	ILSAC, RACS	340	321	94.4118
All	ILSAC, RACS (Without SA)	340	325	95.5882



Monitoring Agency

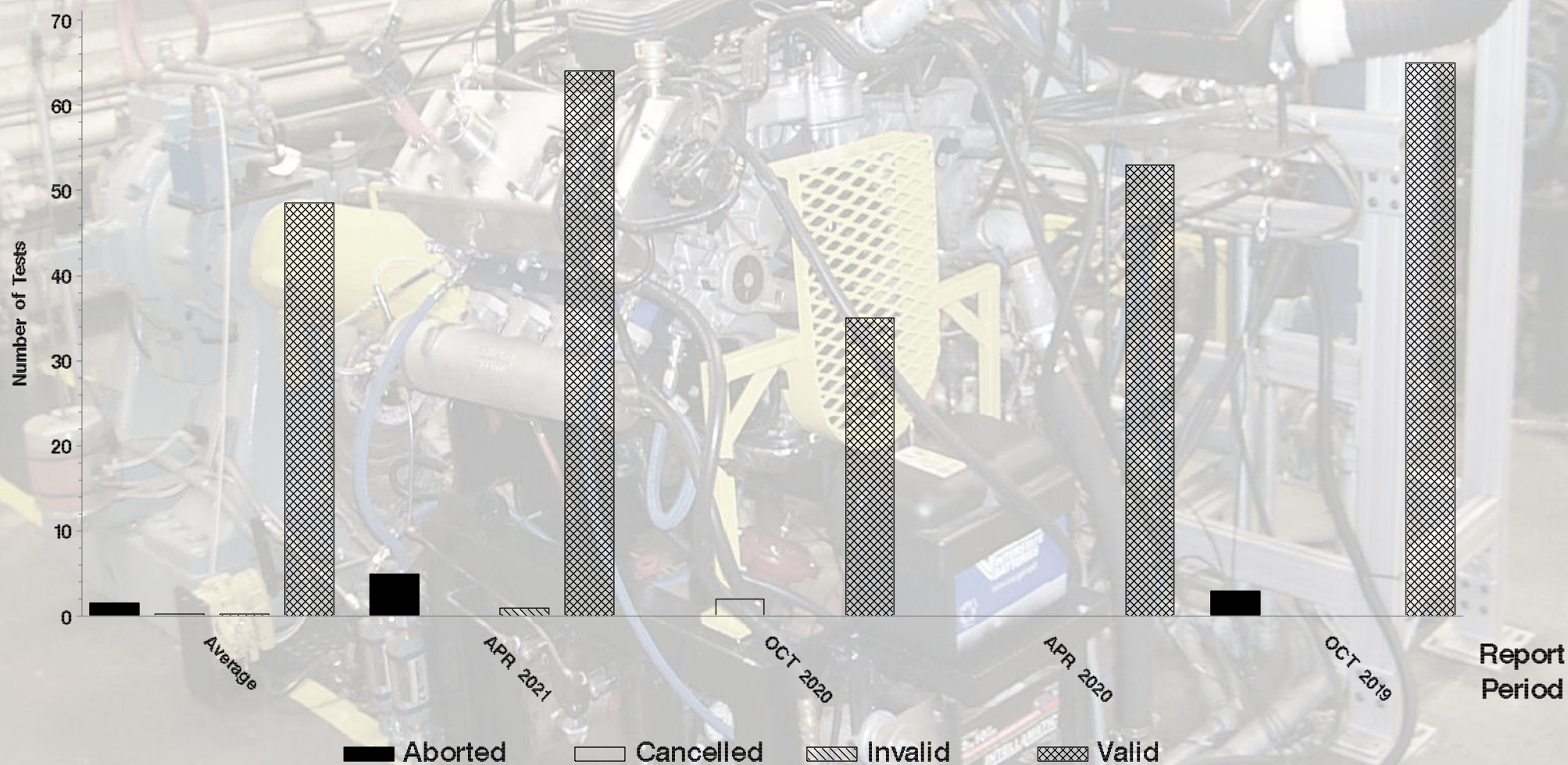
6555 Penn Avenue, Pittsburgh, PA 15206

<https://acc-ma.org>

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Status of Reported Tests





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Candidate Precision as Represented by Pooled S

