

VH - Report Period: APR 2020
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	53	100
Total Reported Tests	53	100

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Replicate Database Report

Components of Replicate Database	APR 2020	All Periods
Number of Tests	.	4
Formulations	.	2
Labs	.	2
Stands	.	4

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by-Formulation Pooled s and Reproducibility of Replicate Data

Report Period	Parameter	Degrees of Freedom	Pooled s	R
All	AES	2	0.86023	2.40865
All	RACS	2	0.34616	0.96924
All	AEV50	2	0.28623	0.80143
All	APV	2	1.25907	3.52539
All	AES (Without SA)	2	0.86579	2.42422
All	RACS (Without SA)	2	0.27005	0.75613
All	AEV50 (Without SA)	2	0.23854	0.66790
All	APV50 (Without SA)	2	1.15898	3.24513

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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 2020	All Categories, All Parameters	53	46	86.7925
APR 2020	ILSAC - All Parameters	53	46	86.7925
APR 2020	ILSAC, AES	53	46	86.7925
APR 2020	ILSAC, AES (Without SA)	53	47	88.6792
APR 2020	ILSAC, AEV50	53	49	92.4528
APR 2020	ILSAC, AEV50 (Without SA)	53	48	90.5660
APR 2020	ILSAC, APV	53	50	94.3396
APR 2020	ILSAC, APV50 (Without SA)	53	47	88.6792
APR 2020	ILSAC, RACS	53	52	98.1132
APR 2020	ILSAC, RACS (Without SA)	53	52	98.1132
All	All Categories, All Parameters	241	191	79.2531
All	ILSAC - All Parameters	241	191	79.2531
All	ILSAC, AES	241	201	83.4025
All	ILSAC, AES (Without SA)	241	203	84.2324
All	ILSAC, AEV50	241	224	92.9461
All	ILSAC, AEV50 (Without SA)	241	223	92.5311
All	ILSAC, APV	241	220	91.2863
All	ILSAC, APV50 (Without SA)	241	213	88.3817
All	ILSAC, RACS	241	232	96.2656
All	ILSAC, RACS (Without SA)	241	231	95.8506



Monitoring Agency

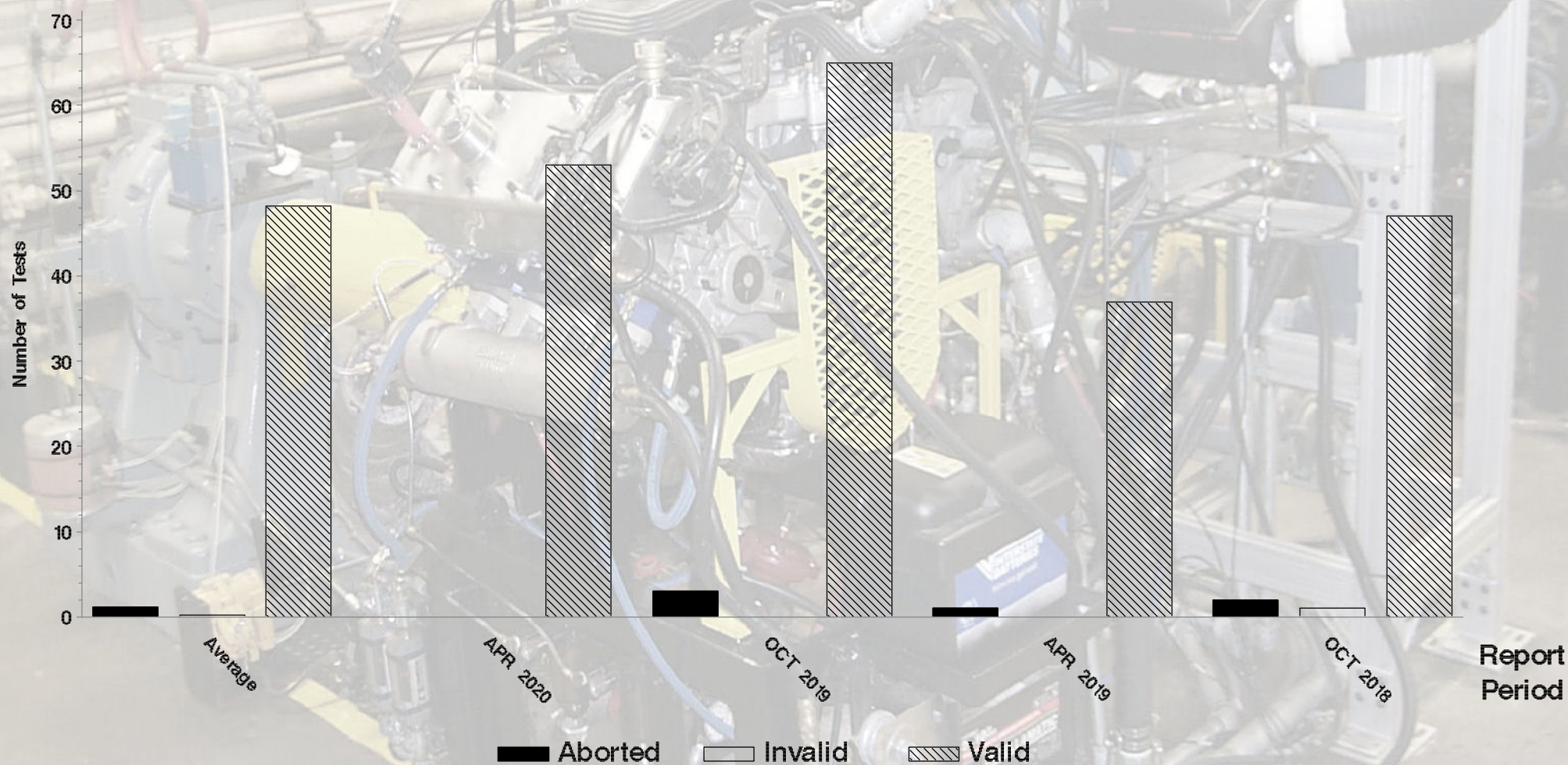
6555 Penn Avenue, Pittsburgh, PA 15206

<https://acc-ma.org>

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Status of Reported Tests





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Candidate Precision as Represented by Pooled S

