

IX - 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
Valid	33	100
Total Reported Tests	33	100

IX - Report Period: APR 2022
Where SAE vis grade is 0W-16, 0W-20, 0W-30, 5W-20, 5W-30, or 10W-30
Replicate Database Report

Components of Replicate Database	APR 2022	All Periods
Number of Tests	2	22
Formulations	1	10
Labs	2	2
Stands	2	5

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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	AVGNOPRE (Without SA)	1	0.44749	1.25299
APR 2022	MAXPIFNL	1	0.71896	2.01308
APR 2022	MAXPIFNL (Without SA)	1	0.83121	2.32739
All	AVGNOPRE (Without SA)	12	0.44521	1.24660
All	MAXPIFNL	1	0.71896	2.01308
All	MAXPIFNL (Without SA)	1	0.83121	2.32739

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Pass/Fail
AVGPIFNL <=5.0 MAXPIFNL <=8.0

Report Period	API Category	N	Number Passed	% Passed
APR 2022	All Categories, All Parameters	33	25	75.7576
APR 2022	ILSAC - All Parameters	33	25	75.7576
APR 2022	ILSAC, AVGNOPRE (Without SA)	33	25	75.7576
APR 2022	ILSAC, AVGPIFNL	33	25	75.7576
APR 2022	ILSAC, MAXPIFNL	33	25	75.7576
APR 2022	ILSAC, MAXPIFNL (Without SA)	33	25	75.7576
All	All Categories, All Parameters	526	420	79.8479
All	ILSAC - All Parameters	526	420	79.8479
All	ILSAC, AVGNOPRE (Without SA)	526	428	81.3688
All	ILSAC, AVGPIFNL	526	423	80.4183
All	ILSAC, MAXPIFNL	526	498	94.6768
All	ILSAC, MAXPIFNL (Without SA)	526	501	95.2471



Monitoring Agency

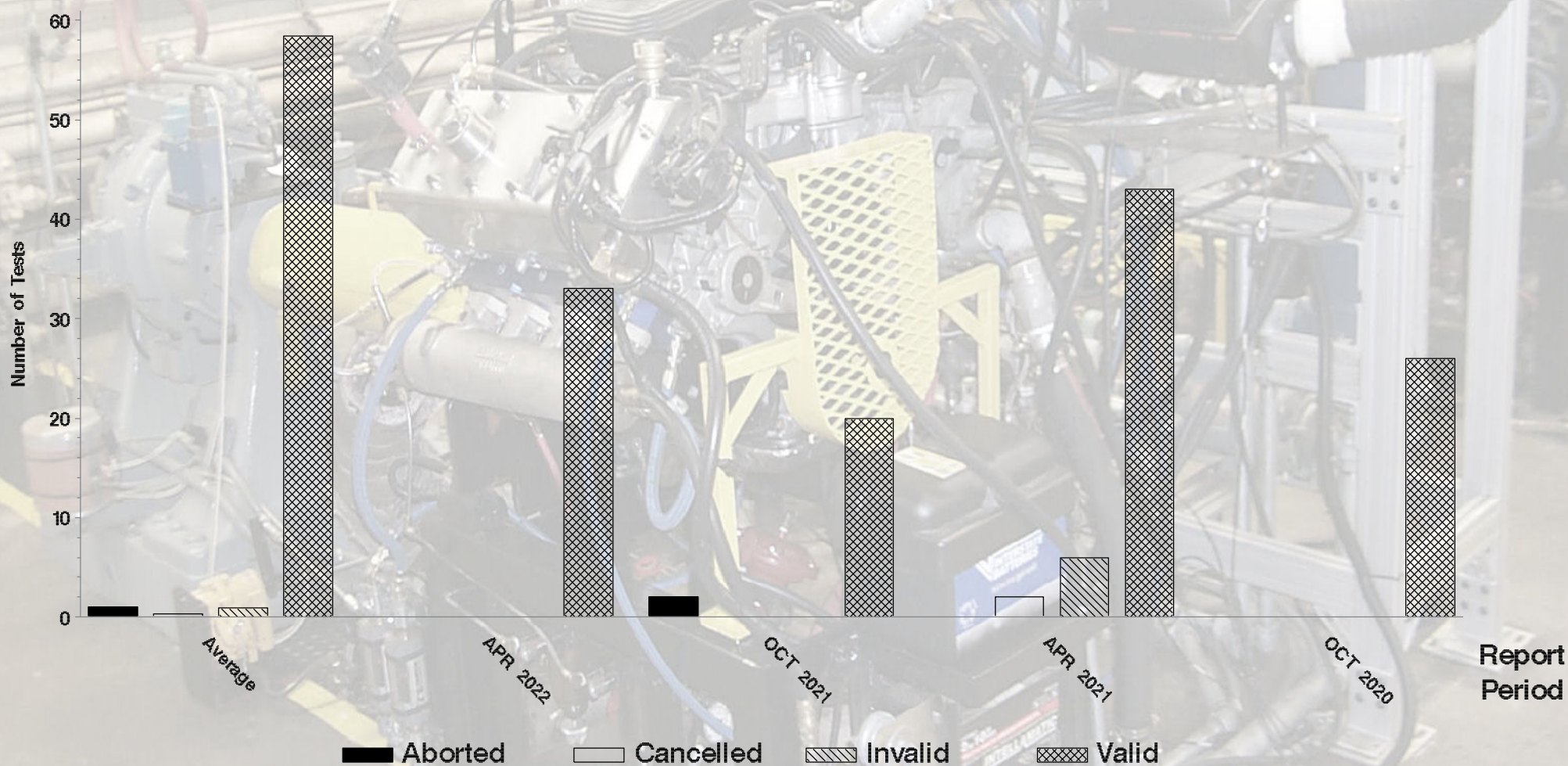
6555 Penn Avenue, Pittsburgh, PA 15206

<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

