

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	30	100
Total Reported Tests	30	100

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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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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	30	22	73.3333
APR 2022	ILSAC - All Parameters	30	22	73.3333
APR 2022	ILSAC, AVGNOPRE (Without SA)	30	22	73.3333
APR 2022	ILSAC, AVGPIFNL	30	22	73.3333
APR 2022	ILSAC, MAXPIFNL	30	22	73.3333
APR 2022	ILSAC, MAXPIFNL (Without SA)	30	22	73.3333
All	All Categories, All Parameters	523	417	79.7323
All	ILSAC - All Parameters	523	417	79.7323
All	ILSAC, AVGNOPRE (Without SA)	523	425	81.2620
All	ILSAC, AVGPIFNL	523	420	80.3059
All	ILSAC, MAXPIFNL	523	495	94.6463
All	ILSAC, MAXPIFNL (Without SA)	523	498	95.2199



Monitoring Agency

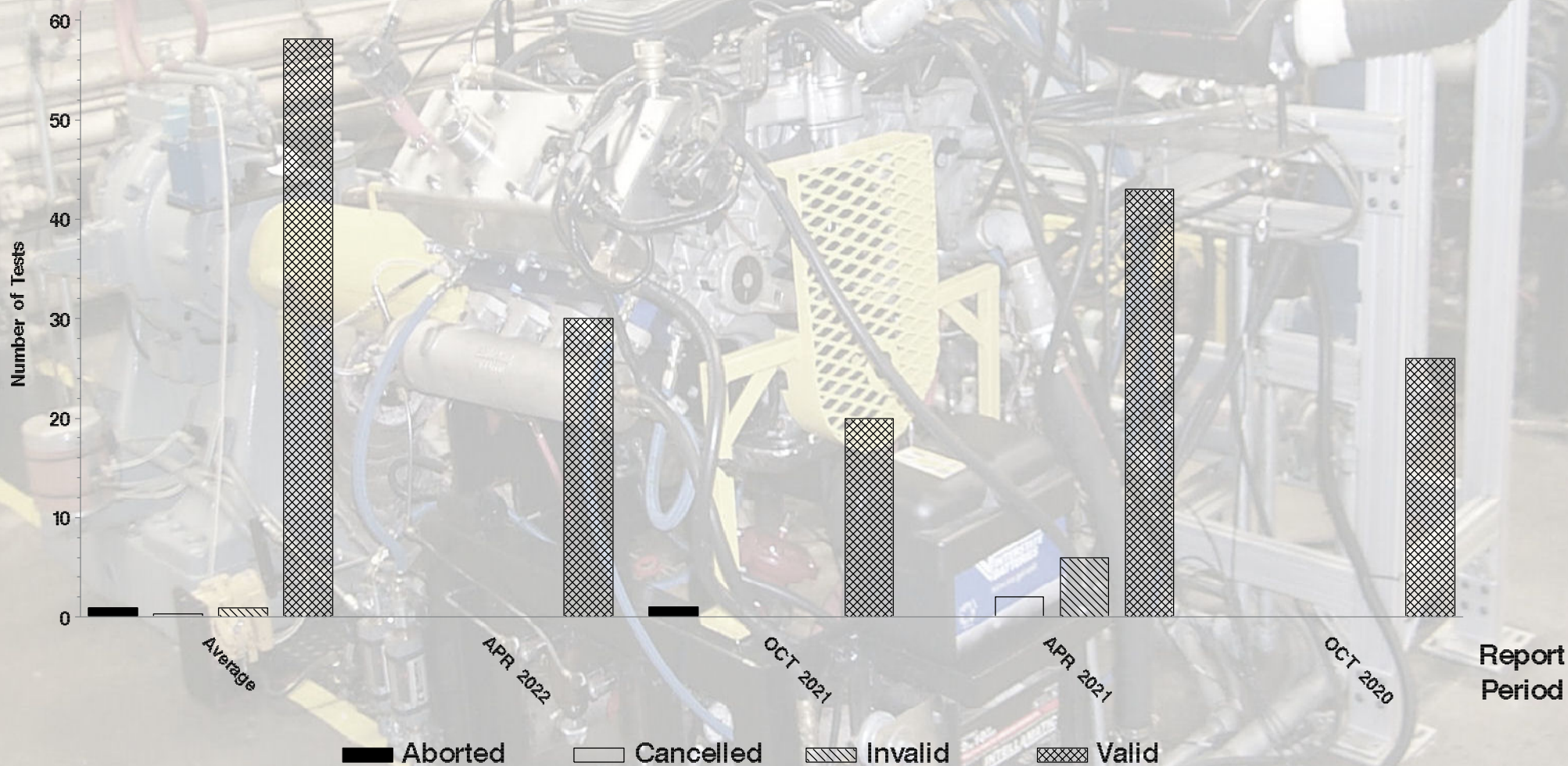
6555 Penn Avenue, Pittsburgh, PA 15206

<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

