

IX - 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
Cancelled	2	3.922
Invalid	6	11.765
Valid	43	84.314
Total Reported Tests	51	100.000

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Itemized Lost Test Report

Obs	Date	TESTKEY	REASON
1	20201002	ACC-28875	No Explanation Available
2	20201005	ACC-28884	No Explanation Available
3	20201027	ACC-29043	No Explanation Available
4	20201028	ACC-28931	No Explanation Available
5	20201215	ACC-29422	No Explanation Available
6	20210122	ACC-29640	No Explanation Available
7	20210208	ACC-29692	No Explanation Available
8	20210226	ACC-29798	No Explanation Available

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Replicate Database Report

Components of Replicate Database	APR 2021	All Periods
Number of Tests	.	20
Formulations	.	9
Labs	.	2
Stands	.	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
All	AVGNOPRE (Without SA)	11	0.44500	1.24601

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Pass/Fail
AVGPIFNL <=5.0 MAXPIFNL <=8.0

Report Period	API Category	N	Number Passed	% Passed
APR 2021	All Categories, All Parameters	43	36	83.7209
APR 2021	ILSAC - All Parameters	43	36	83.7209
APR 2021	ILSAC, AVGNOPRE (Without SA)	43	37	86.0465
APR 2021	ILSAC, AVGPIFNL	43	36	83.7209
APR 2021	ILSAC, MAXPIFNL	43	39	90.6977
APR 2021	ILSAC, MAXPIFNL (Without SA)	43	38	88.3721
All	All Categories, All Parameters	473	377	79.7040
All	ILSAC - All Parameters	473	377	79.7040
All	ILSAC, AVGNOPRE (Without SA)	473	385	81.3953
All	ILSAC, AVGPIFNL	473	380	80.3383
All	ILSAC, MAXPIFNL	473	455	96.1945
All	ILSAC, MAXPIFNL (Without SA)	473	458	96.8288



Monitoring Agency

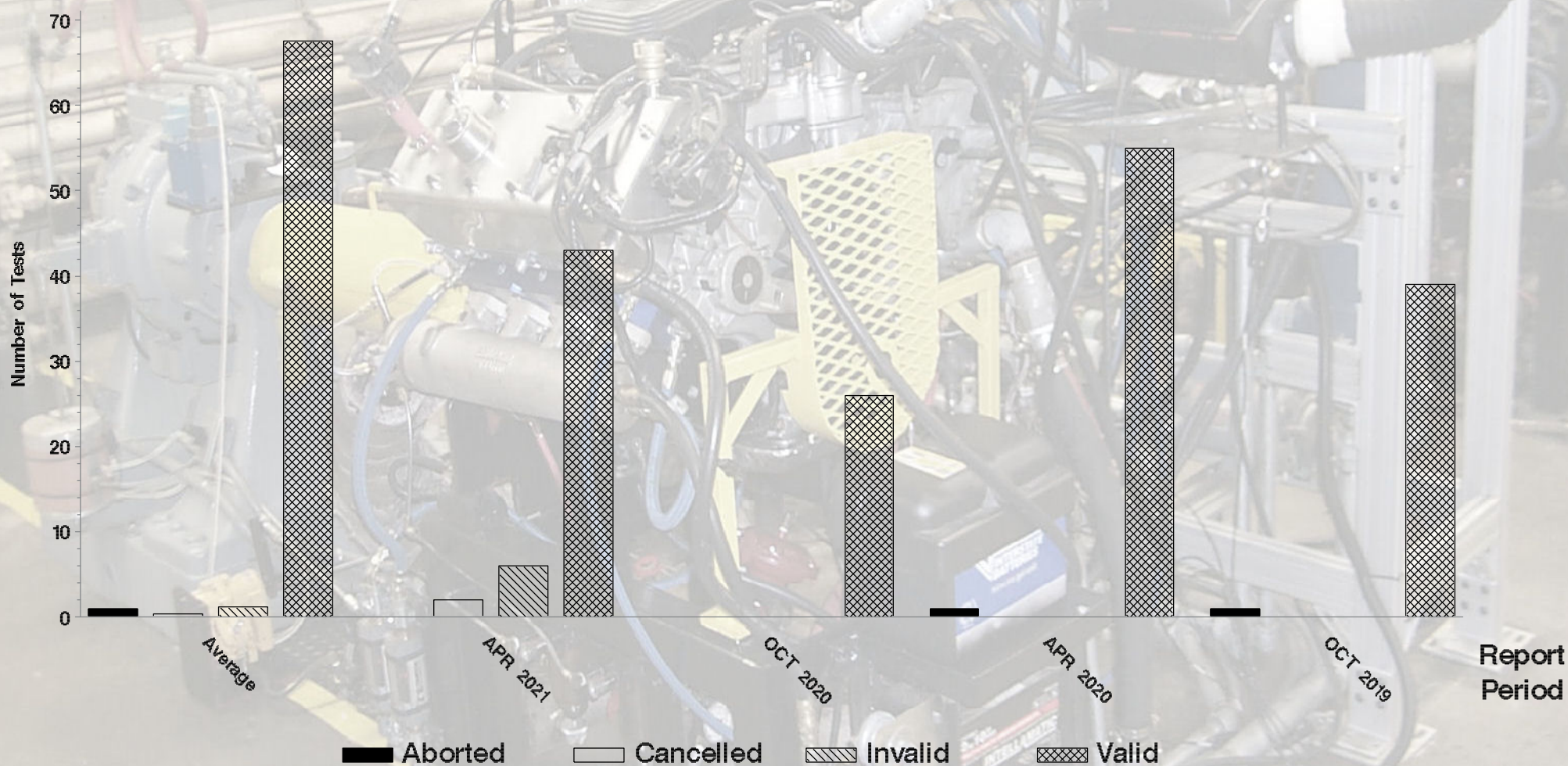
6555 Penn Avenue, Pittsburgh, PA 15206

<https://acc-ma.org>

IX

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

Status of Reported Tests





Monitoring Agency

6555 Penn Avenue, Pittsburgh, PA 15206

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IX

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

0.46
0.44
0.42
0.40
0.38
0.36
0.34
0.32
0.30
0.28
0.26
0.24
0.22
0.20
0.18
0.16
0.14
0.12
0.10
0.08
0.06
0.04
0.02
0.00



All

APR 2021

OCT 2020

APR 2020

OCT 2019

Report
Period

■ AVGNOPRE (Without SA)