

IIH - 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	2	2.105
Valid	93	97.895
Total Reported Tests	95	100.000

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Itemized Lost Test Report

Obs	Date	TESTKEY	REASON
1	20201110	ACC-29049	No Explanation Available
2	20210107	ACC-29524	No Explanation Available

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Replicate Database Report

Components of Replicate Database	APR 2021	All Periods
Number of Tests	.	13
Formulations	.	6
Labs	.	4
Stands	.	7

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by-Formulation Pooled s and Reproducibility of Replicate Data

Report Period	Parameter	Degrees of Freedom	Pooled s	R
All	WPD	7	0.33077	0.92616
All	PVIS	7	0.80561	2.25570
All	WPD (Without SA)	7	0.37650	1.05419
All	PVIS (Without SA)	7	0.86324	2.41707

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Pass/Fail
WPD >=4.2 PVIS <=100.0

Report Period	API Category	N	Number Passed	% Passed
APR 2021	All Categories, All Parameters	93	48	51.6129
APR 2021	SP - All Parameters	93	48	51.6129
APR 2021	SP, PVIS	93	66	70.9677
APR 2021	SP, PVIS (Without SA)	93	69	74.1935
APR 2021	SP, WPD	93	64	68.8172
APR 2021	SP, WPD (Without SA)	93	60	64.5161
All	All Categories, All Parameters	1122	667	59.4474
All	SP - All Parameters	1122	667	59.4474
All	SP, PVIS	1122	951	84.7594
All	SP, PVIS (Without SA)	1122	983	87.6114
All	SP, WPD	1122	726	64.7059
All	SP, WPD (Without SA)	1122	756	67.3797



Monitoring Agency

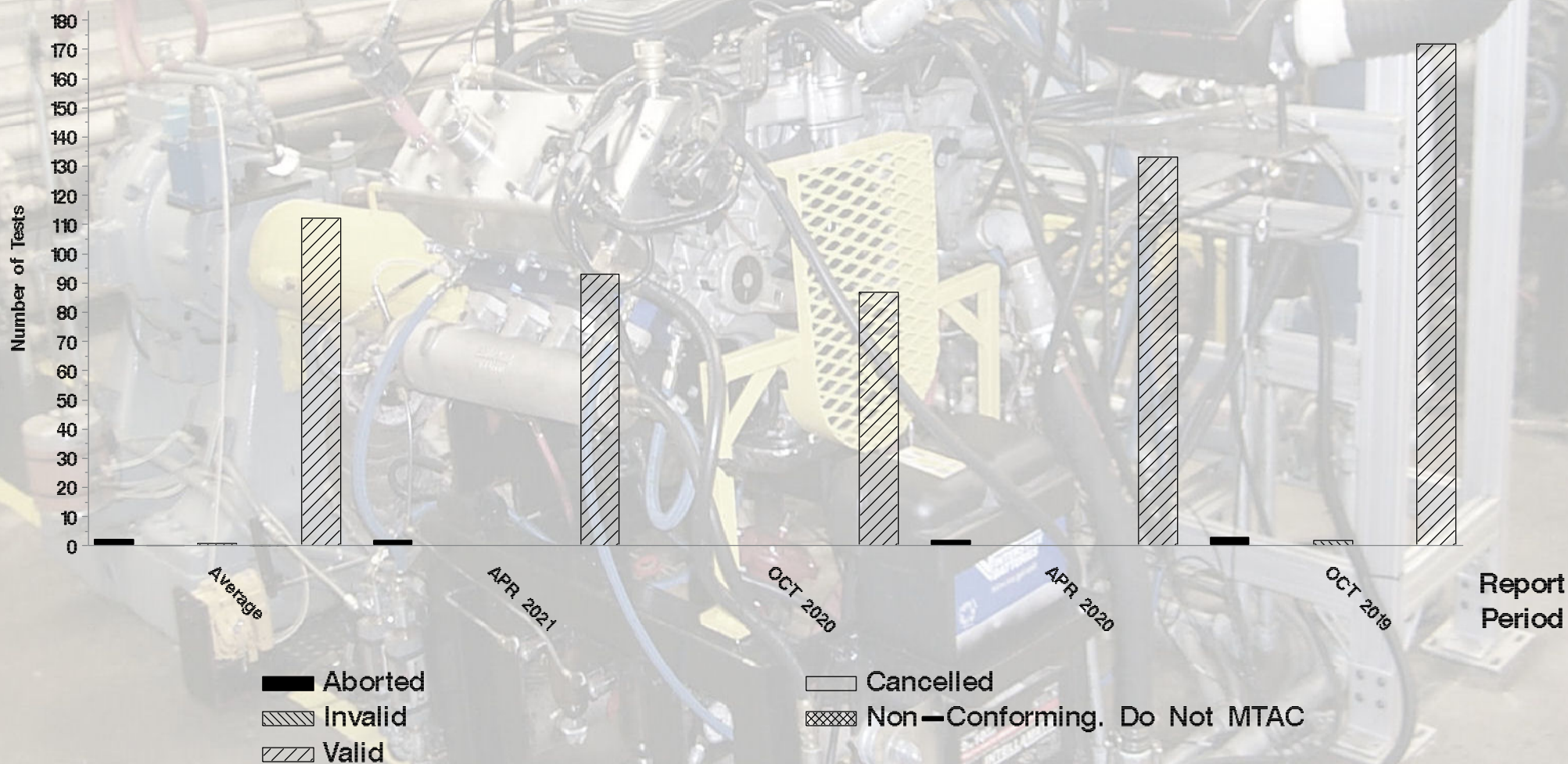
6555 Penn Avenue, Pittsburgh, PA 15206

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Status of Reported Tests





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Candidate Precision as Represented by Pooled S

