

1N - Report Period: APR 2023
where Testtype eq '1N'
Status Of Reported Tests

1

STATUS	COUNT	PERCENT
Aborted	2	10.526
Invalid	1	5.263
Valid	16	84.211
Total Reported Tests	19	100.000

1N - Report Period: APR 2023
where Testtype eq '1N'
Itemized Lost Test Report

2

Obs	Date	TESTKEY	REASON
1	20221110	ACC-32936	Test Terminated Due To Engine Hardware Failure.
2	20230104	ACC-33216	Test Aborted Due To Coolant Contamination In The Test Oil.
3	20230109	ACC-33230	Filter @ Injector Housing Temp Offset Out-Of-Spec

**1N - Report Period: APR 2023
where Testtype eq '1N'
Replicate Database Report**

3

Components of Replicate Database	APR 2023	All Periods
Number of Tests	.	169
Formulations	.	76
Labs	.	8
Stands	.	47

1N - Report Period: APR 2023
where Testtype eq '1N'
by-Formulation Pooled s and Reproducibility of Replicate Data

Report Period	Parameter	Degrees of Freedom	Pooled s	R
All	TGF	93	12.4275	34.797
All	WD	93	43.9381	123.027
All	TLHC	93	0.8851	2.478
All	BSOC	93	0.0743	0.208
All	TGF (Without SA)	93	8.3417	23.357
All	WD (Without SA)	93	33.8177	94.690
All	TLHC (Without SA)	93	0.4238	1.187
All	BSOC (Without SA)	93	0.0468	0.131

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where Testtype eq '1N'
Pass/Fail
STUCK_RINGS ='NO' BSOC <=0.5 SCUFFING ='NO'

Report Period	API Category	N	Number Passed	% Passed
APR 2023	All Categories, All Parameters	16	11	68.750
APR 2023	CJ-4 - All Parameters	16	11	68.750
APR 2023	CJ-4, BSOC	16	16	100.000
APR 2023	CJ-4, BSOC (Without SA)	16	16	100.000
APR 2023	CJ-4, SCUFFING	16	16	100.000
APR 2023	CJ-4, STUCK_RINGS	16	16	100.000
APR 2023	CJ-4, TGF	16	14	87.500
APR 2023	CJ-4, TGF (Without SA)	16	16	100.000
APR 2023	CJ-4, TLHC	16	15	93.750
APR 2023	CJ-4, TLHC (Without SA)	16	16	100.000
APR 2023	CJ-4, WD	16	12	75.000
APR 2023	CJ-4, WD (Without SA)	16	14	87.500
All	All Categories, All Parameters	1365	455	33.333
All	CJ-4 - All Parameters	1365	455	33.333
All	CJ-4, BSOC	1365	1350	98.901
All	CJ-4, BSOC (Without SA)	1365	1357	99.414
All	CJ-4, SCUFFING	1365	891	65.275
All	CJ-4, STUCK_RINGS	1365	897	65.714
All	CJ-4, TGF	1365	947	69.377
All	CJ-4, TGF (Without SA)	1365	1194	87.473
All	CJ-4, TLHC	1365	1130	82.784
All	CJ-4, TLHC (Without SA)	1365	1256	92.015
All	CJ-4, WD	1365	981	71.868
All	CJ-4, WD (Without SA)	1365	1099	80.513



Monitoring Agency

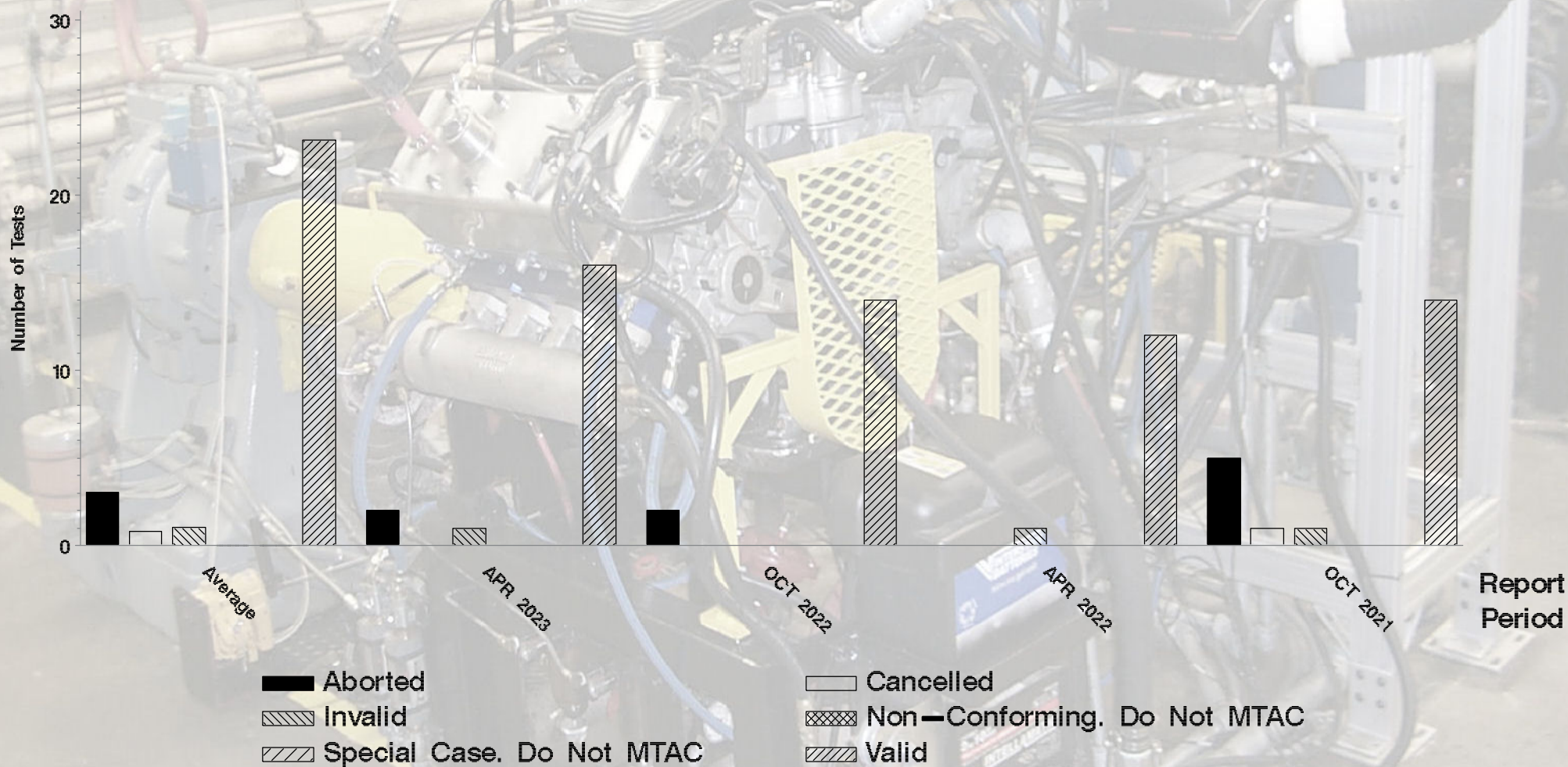
6555 Penn Avenue, Pittsburgh, PA 15206

<https://acc-ma.org>

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Status of Reported Tests





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Candidate Precision as Represented by Pooled S

