

***T12 - Report Period: APR 2011***  
***Status Of Reported Tests***

STATUS	COUNT	PERCENT
Aborted	2	8
Invalid	2	8
Valid	21	84
Total Reported Tests	25	100

***T12 - Report Period: APR 2011***  
***Itemized Lost Test Report***

Obs	Date	TESTKEY	REASON
1	20101018	ACC-6482	Oil Charge Lost At 103 Hours Due To Broken Oil Fitting.
2	20101101	ACC-6568	Test Was Aborted At 276 Hours Because Of Connecting Rod Bearing Failure
3	20110218	ACC-7425	Egr Plumbing Changes Resulted In Severe Test Not Indicative Of Oil Performance.
4	20110221	ACC-7294	Test Is Invalid Due To Improper Oil Level At 275hrs. 2.27kgs Of Fresh Oil Was Added, Hence 300hr Used Oil Data Are Skewed Low By Approximately 9%.

***T12 - Report Period: APR 2011***  
***Replicate Database Report***

Components of Replicate Database	APR 2011	All Periods
Number of Tests	2	8
Formulations	1	4
Labs	1	3
Stands	2	6

***T12 - Report Period: APR 2011***  
***by-Formulation Pooled s and Reproducibility of Replicate Data***

Report Period	Parameter	Degrees of Freedom	Pooled s	R
APR 2011	MACKMER	1	9.12	25.54
All	MACKMER	4	1476.30	4133.63

***T12 - Report Period: APR 2011***  
***Pass/Fail***

Report Period	API Category	N	Number Passed	% Passed
APR 2011	All Categories, All Parameters	21	5	23.8095
APR 2011	CJ-4 - All Parameters	21	5	23.8095
APR 2011	CJ-4, MACKMER	21	5	23.8095
All	All Categories, All Parameters	278	116	41.7266
All	CJ-4 - All Parameters	278	116	41.7266
All	CJ-4, MACKMER	278	116	41.7266



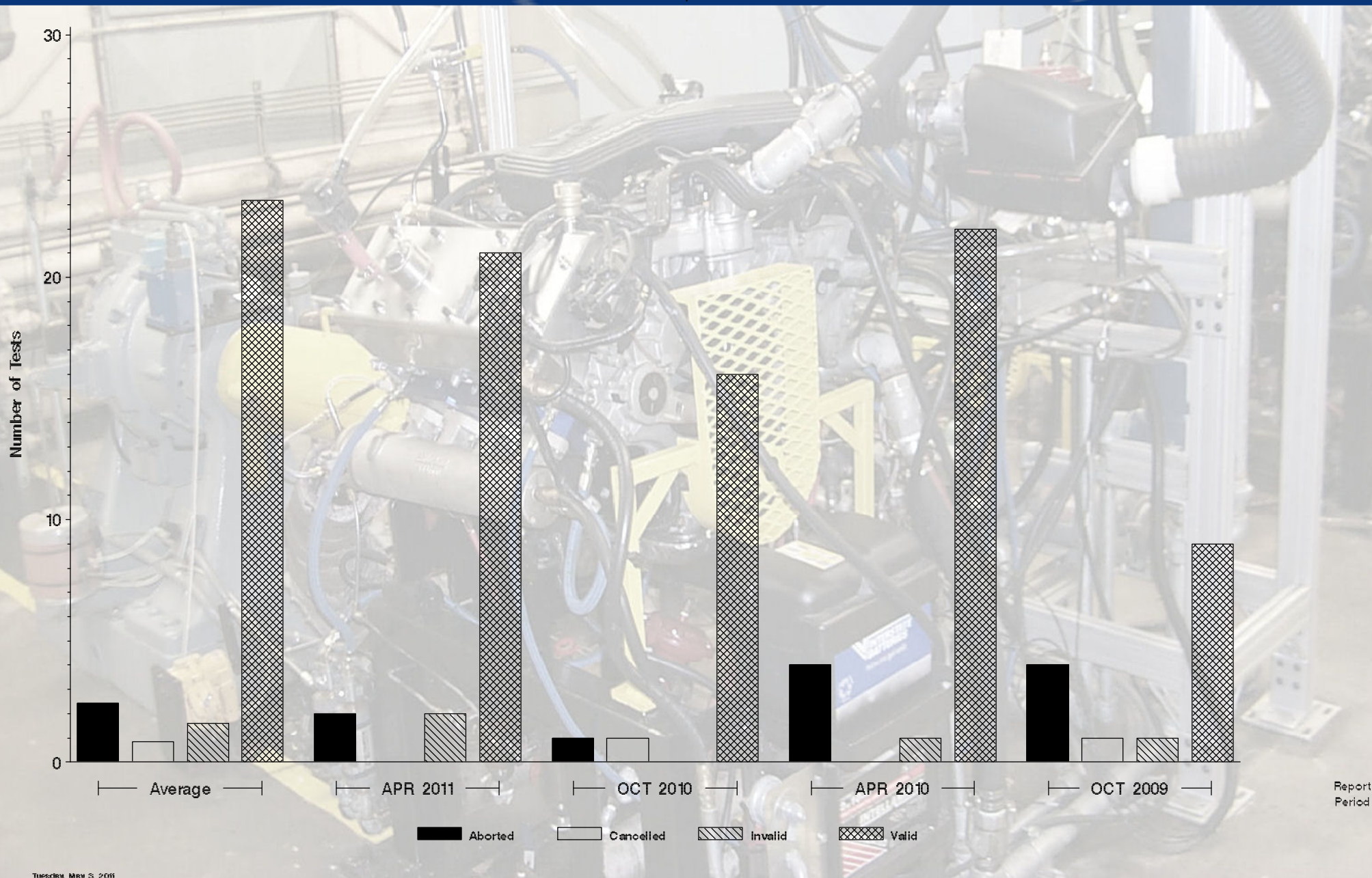
# Monitoring Agency

6555 Penn Avenue, Pittsburgh, PA 15206

<https://acc-ma.org>

T12

Status of Reported Tests







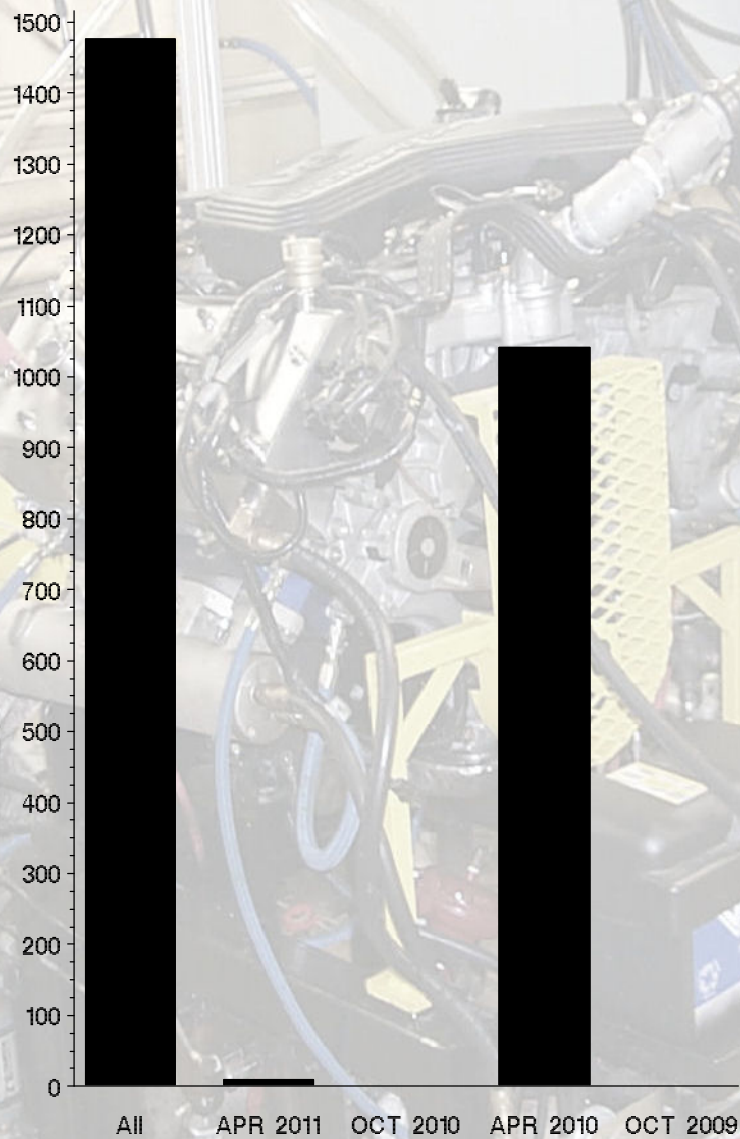
# Monitoring Agency

6555 Penn Avenue, Pittsburgh, PA 15206

<https://acc-ma.org>

T12

Candidate Precision as Represented by Pooled S



Report  
Period



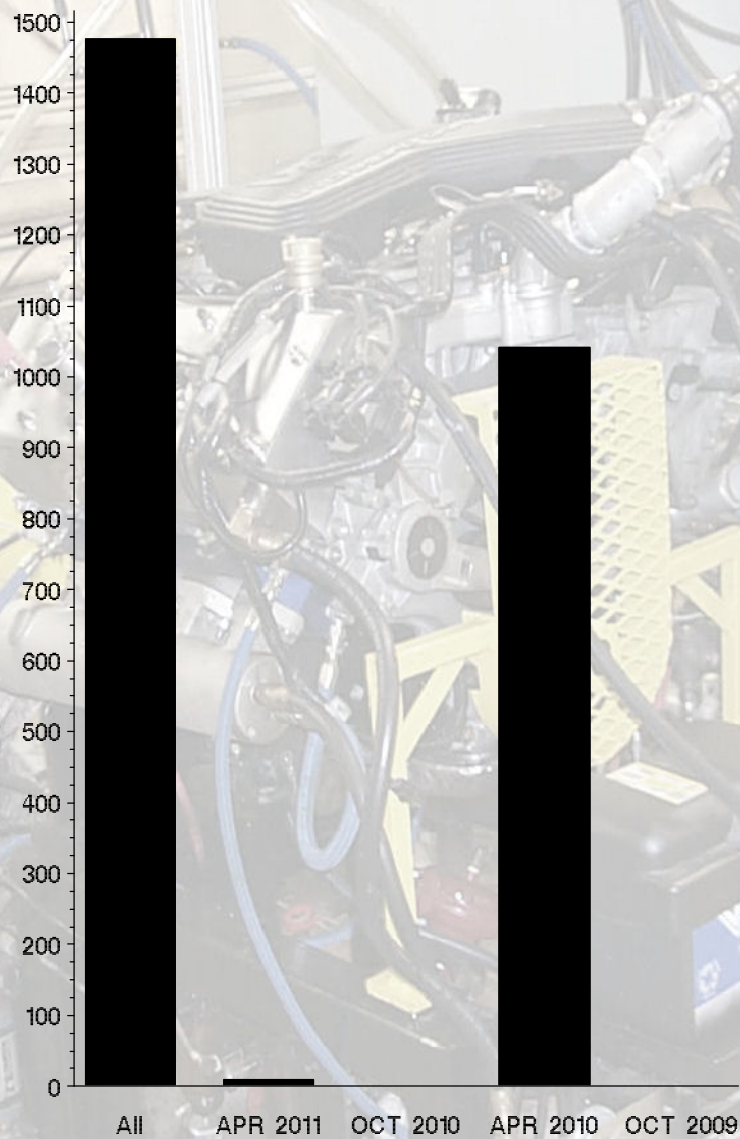
# Monitoring Agency

6555 Penn Avenue, Pittsburgh, PA 15206

<https://acc-ma.org>

T12

Candidate Precision as Represented by Pooled S



MACKMER

Report  
Period