

T12 - Report Period: APR 2014
Status Of Reported Tests

STATUS	COUNT	PERCENT
Aborted	16	30.189
Cancelled	1	1.887
Invalid	1	1.887
Valid	35	66.038
Total Reported Tests	53	100.000

***T12 - Report Period: APR 2014
Itemized Lost Test Report***

Obs	Date	TESTKEY	REASON
1	20131021	ACC-12995	Terminated During Warm-Up Due To Machanical Failure.
2	20131113	ACC-13171	Terminated At Test Hour 189 Due To A Failed Rod Bearing.
3	20131213	ACC-13145	Test Declared Invalid Due To Crankcase Pressure Out Of Specification.
4	20131220	ACC-13146	Test Terminated During Warm-Up Due To A Spun Bearing.
5	20131230	ACC-13453	Terminated At Test Hour 120 Due To A Failed Rod Bearing.
6	20131231	ACC-13436	Test Terminated At Test Hour 3 Due To Oil Contamination. Intake Valve Fractured At Tulip, Cracking Cylinder Head Resulting In Coolant Filling The Cylinder. This Further Resulted In A Bent Rod And Cracked Block.
7	20140115	ACC-13535	Test Terminated At Test Hour 22 Due To Failure Of The Intake.
8	20140124	ACC-13563	Test Terminated At Test Hour 175 At Sponsor Request.
9	20140130	ACC-13605	Test Terminated At Test Hour 7 Due To Intake Valve Failure.
10	20140203	ACC-13619	Test Terminated At Test Hour 113 Due To Multiple Fuel Pump Failures.
11	20140210	ACC-13627	Terminated At Test Hour 20 Due To Cylinder 2 Piston Skirt Failure.
12	20140214	ACC-13663	Test Was Terminated At Test Hour 200 Due To A Spun Bearing.
13	20140227	ACC-13761	Test Terminated At Test Hour 29 Due To A Crankshaft Failure.
14	20140306	ACC-13763	Test Terminated At Test Hour 15 Due To Incorrect Oil Blend.
15	20140317	ACC-13822	Test Terminated During Break In Due To Spun Bearing.
16	20140318	ACC-13564	Test Terminated At 228 Hours Due To Spun Bearing.
17	20140321	ACC-13850	Test Terminated At 0 Hours Due To A Broken Intake Cylinder Valve.
18	20140326	ACC-13868	Test Terminated During Break In Due To Spun Bearing.

T12 - Report Period: APR 2014
Replicate Database Report

Components of Replicate Database	APR 2014	All Periods
Number of Tests	2	10
Formulations	1	5
Labs	1	4
Stands	1	7

T12 - Report Period: APR 2014
by-Formulation Pooled s and Reproducibility of Replicate Data

Report Period	Parameter	Degrees of Freedom	Pooled s	R
APR 2014	MACKMER	1	610.59	1709.64
All	MACKMER	5	1348.38	3775.46

T12 - Report Period: APR 2014
Pass/Fail

Report Period	API Category	N	Number Passed	% Passed
APR 2014	All Categories, All Parameters	35	22	62.8571
APR 2014	CJ-4 - All Parameters	35	22	62.8571
APR 2014	CJ-4, MACKMER	35	22	62.8571
All	All Categories, All Parameters	497	204	41.0463
All	CJ-4 - All Parameters	497	204	41.0463
All	CJ-4, MACKMER	497	204	41.0463



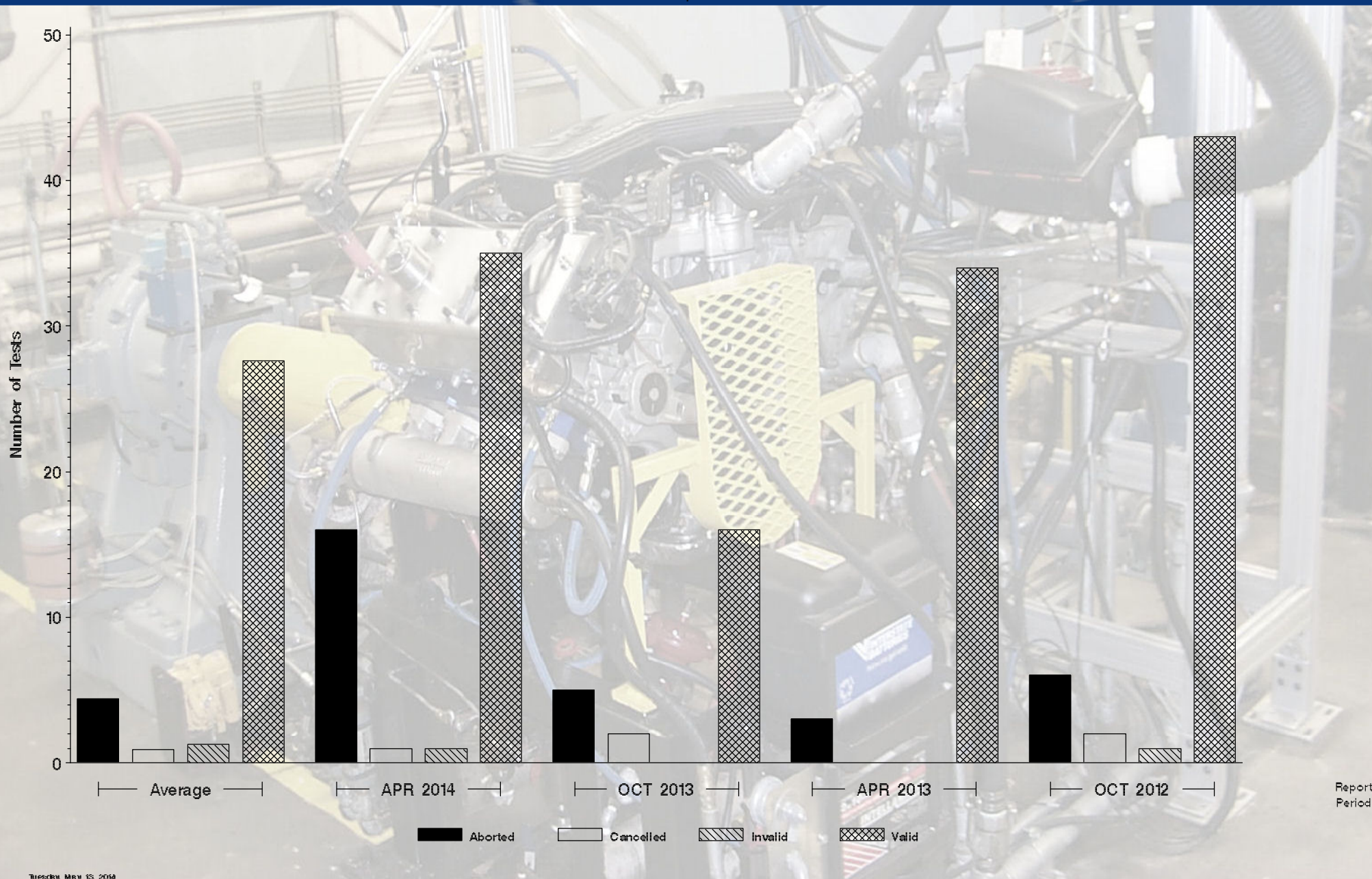
Monitoring Agency

6555 Penn Avenue, Pittsburgh, PA 15206

<https://acc-ma.org>

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Status of Reported Tests





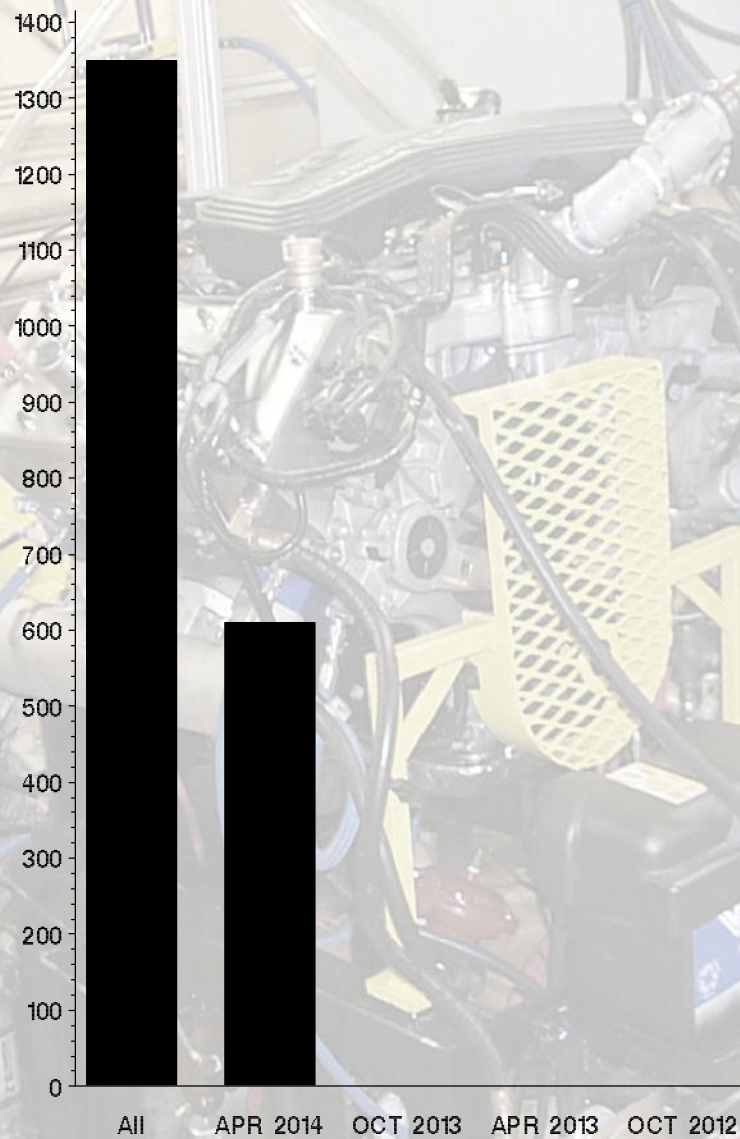
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Candidate Precision as Represented by Pooled S



■ MACKMER

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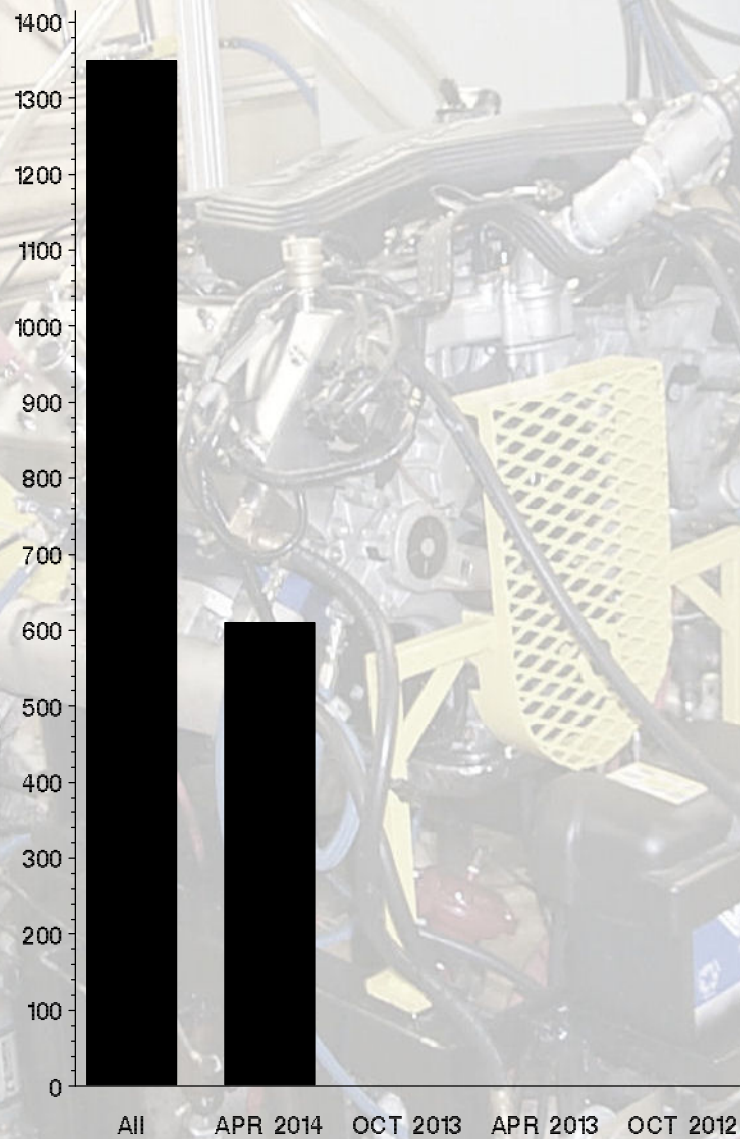
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