

1K - Report Period: APR 2012
Status Of Reported Tests

STATUS	COUNT	PERCENT
Aborted	3	15
Cancelled	1	5
Invalid	1	5
Valid	15	75
Total Reported Tests	20	100

1K - Report Period: APR 2012
Itemized Lost Test Report

Obs	Date	TESTKEY	REASON
1	20111007	ACC-8738	Lab Terminated Test At Test Hour 54 Due To High Fuel Dilution.
2	20111024	ACC-8771	Test Terminated At Test Hour 152 Due To Mechanical Failure.
3	20120106	ACC-9263	Lab Declared Test Operationally Invalid Due To Worn Oil Pump Bushing Causing High Copper Levels At Eot
4	20120119	ACC-9310	Test Terminated At Test Hour 210 Due To A Broken Cam.
5	20120309	ACC-9526	Test Terminated At Test Hour 168 Per Sponsor's Request.

1K - Report Period: APR 2012
Replicate Database Report

Components of Replicate Database	APR 2012	All Periods
Number of Tests	.	88
Formulations	.	39
Labs	.	4
Stands	.	16

1K - Report Period: APR 2012
by-Formulation Pooled s and Reproducibility of Replicate Data

Report Period	Parameter	Degrees of Freedom	Pooled s	R
All	TGF	49	14.318	40.091
All	WD	49	166.573	466.405
All	TLHC	49	0.880	2.464
All	BSOC	49	0.058	0.163
All	EOTOC	49	0.142	0.398
All	TGF (Without SA)	49	14.265	39.941
All	WD (Without SA)	49	166.761	466.930
All	TLHC (Without SA)	49	0.462	1.293

1K - Report Period: APR 2012
Pass/Fail

Report Period	API Category	N	Number Passed	% Passed
APR 2012	All Categories, All Parameters	15	6	40.000
APR 2012	CI-4 - All Parameters	15	6	40.000
APR 2012	CI-4, BSOC	15	15	100.000
APR 2012	CI-4, EOTOC	15	11	73.333
APR 2012	CI-4, SCUFFING	15	15	100.000
APR 2012	CI-4, STUCK_RINGS	15	15	100.000
APR 2012	CI-4, TGF	15	12	80.000
APR 2012	CI-4, TGF (Without SA)	15	12	80.000
APR 2012	CI-4, TLHC	15	13	86.667
APR 2012	CI-4, TLHC (Without SA)	15	13	86.667
APR 2012	CI-4, WD	15	8	53.333
APR 2012	CI-4, WD (Without SA)	15	8	53.333
All	All Categories, All Parameters	482	216	44.813
All	CI-4 - All Parameters	482	216	44.813
All	CI-4, BSOC	482	477	98.963
All	CI-4, EOTOC	482	388	80.498
All	CI-4, SCUFFING	482	478	99.170
All	CI-4, STUCK_RINGS	482	478	99.170
All	CI-4, TGF	482	378	78.423
All	CI-4, TGF (Without SA)	482	369	76.556
All	CI-4, TLHC	482	390	80.913
All	CI-4, TLHC (Without SA)	482	390	80.913
All	CI-4, WD	482	312	64.730
All	CI-4, WD (Without SA)	482	314	65.145

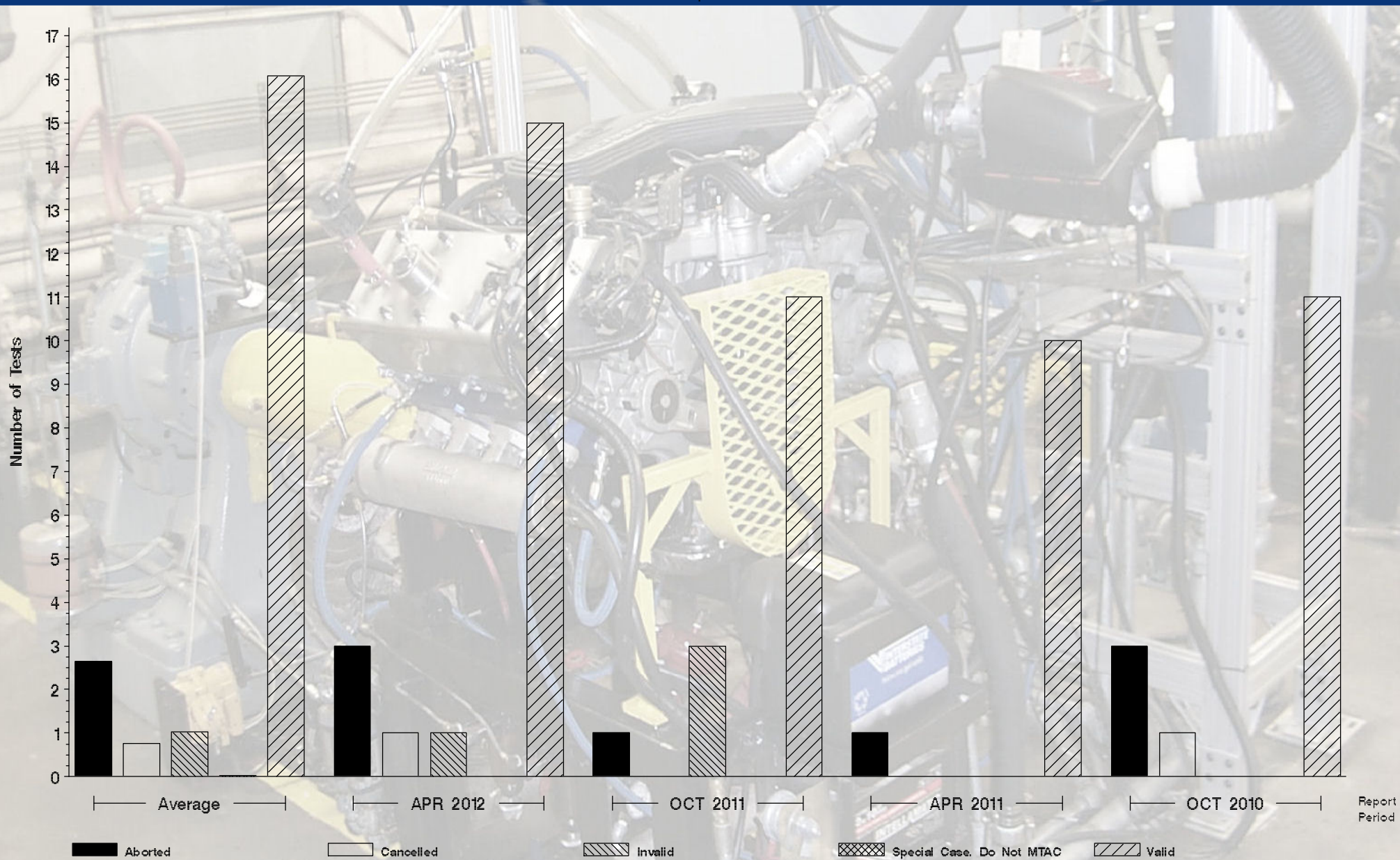


Monitoring Agency

6555 Penn Avenue, Pittsburgh, PA 15206

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Status of Reported Tests





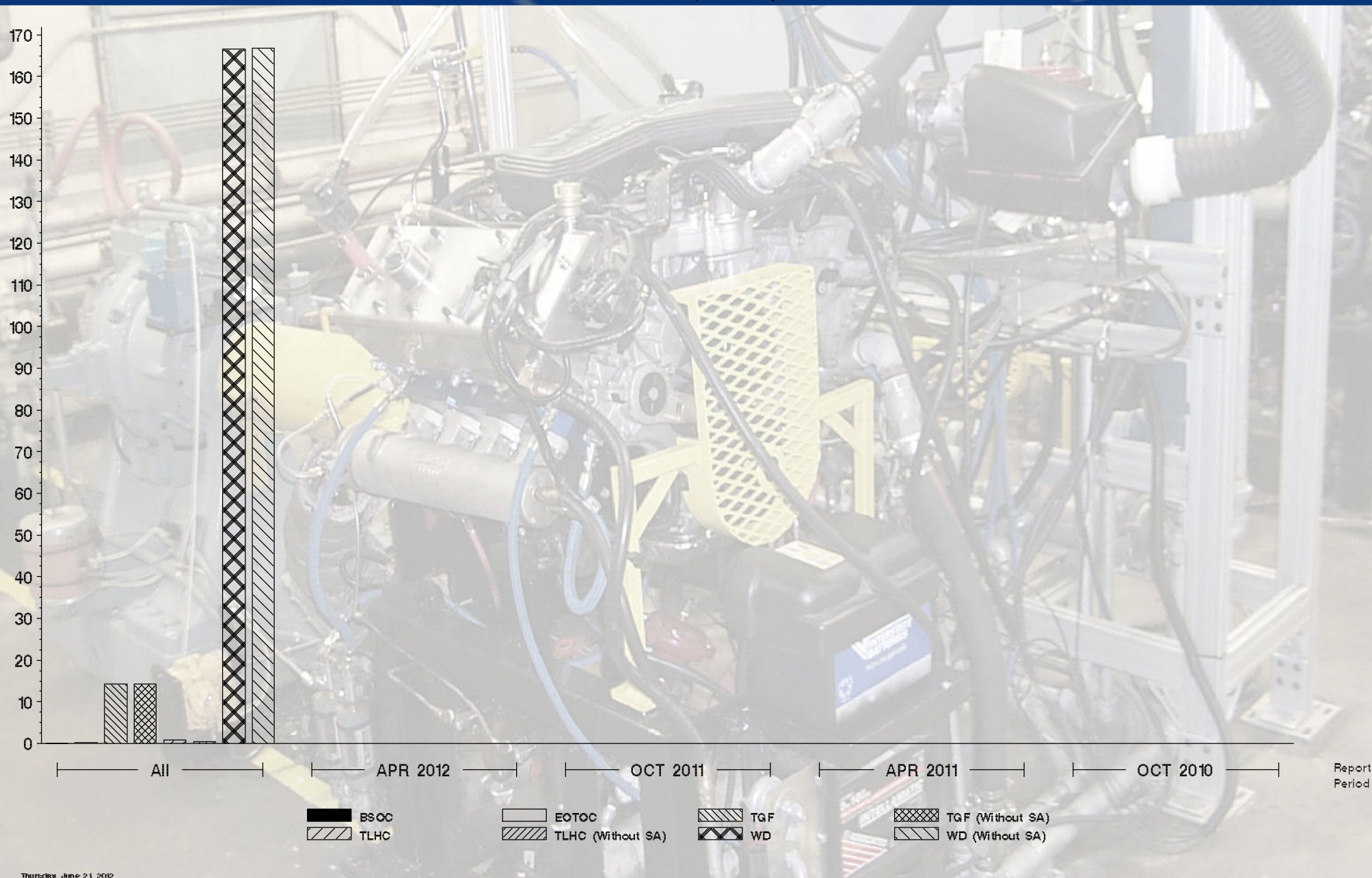
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