T12 - Report Period: APR 2015 Status Of Reported Tests

| STATUS | COUNT | PERCENT |
|----------------------|-------|---------|
| Aborted | 16 | 30.769 |
| Valid | 36 | 69.231 |
| Total Reported Tests | 52 | 100.000 |

T12 - Report Period: APR 2015 Itemized Lost Test Report

| Obs | Date | TESTKEY | REASON | |
|-----|---|-----------|--|--|
| 1 | 20141003 | ACC-14737 | Test Terminated At Test Hour 201 Due To Missing The 100 Hour Soot Window. | |
| 2 | 20141008 | ACC-14707 | Test Terminated At Test Hour 15 Due To The Contamination Of Oil And Destruction Of The Engine Hardware | |
| 3 | 20141013 | ACC-14794 | Test Terminated At Test Hour 15 Due To Coolant Leaking From Turbo. | |
| 4 | 20141022 | ACC-14858 | Test Terminated At Test Hour 20 Due To Mechanical Failure. | |
| 5 | 20141027 | ACC-14833 | Test Terminated At Test Hour 231 Due To Coolant Leaking Into The Engine. | |
| 6 | 20141114 | ACC-15043 | Test Terminated At Test Hour 211 Due To Spun Rod Bearing | |
| 7 | 20141119 | ACC-15081 | Test Terminated At Test Hour 175 Due To High Oil Consumption, And Leaking Turbo. | |
| 8 | 20141125 | ACC-15135 | CC-15135 Test Terminated At Test Hour 214 Due To A Spun Bearing. | |
| 9 | 20141223 | ACC-15290 | C-15290 Test Terminated At Test Hour 100 As Test Failed To Meet The 100 Hour Soot Specification. | |
| 10 | 20150112 ACC-15388 Test Terminated At Test Hour 5 Due To Broken Valve. | | | |
| 11 | 20150127 ACC-15456 Test Terminated At Test Hour 2 Due To Intake Valve Failure | | Test Terminated At Test Hour 2 Due To Intake Valve Failure | |
| 12 | 20150209 | ACC-15513 | Test Terminated At Test Hour 184 Due To Stuck Intake Valve. | |
| 13 | 20150213 | ACC-15528 | Test Terminated At Test Hour 76 Due To Excessive Oil Consumption (Build Error Found). | |
| 14 | 20150306 | ACC-15232 | Test Terminated At 0 Hours Due To A Engine Hardware Failure. | |
| 15 | 20150318 | ACC-15658 | Test Was Terminated At Test Hour 256 Due To Bearing Failure On The #6 Connecting Rod. | |
| 16 | 20150325 | ACC-15705 | Test Terminated At Break-In Due To A Failed Rod Bearing. | |

T12 - Report Period: APR 2015 Replicate Database Report

| Components of Replicate Database | APR 2015 | All Periods |
|--|-------------|----------------|
| Number of Tests | | 10 |
| Formulations | | 5 |
| Labs | | 4 |
| Stands | | 7 |

T12 - Report Period: APR 2015 by-Formulation Pooled's and Reproducibility of Replicate Data

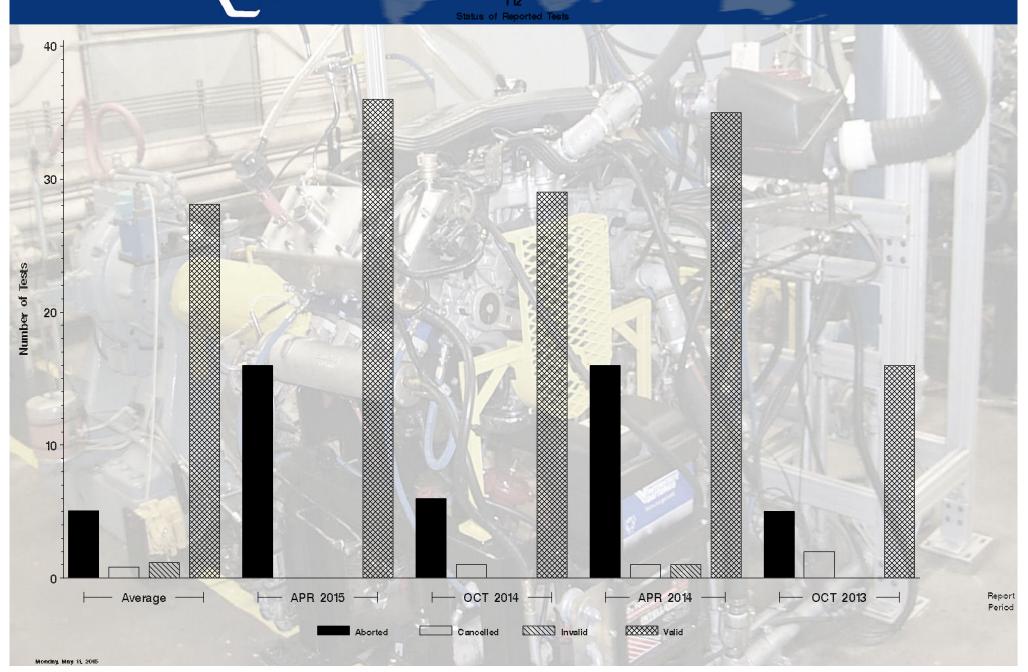
| Report Period | Parameter | Degrees of Freedom | Pooled s | R |
|------------------|-----------|--------------------------|-------------|---------|
| All | MACKMER | 5 | 1348.38 | 3775.46 |

T12 - Report Period: APR 2015 Pass/Fail

| Report Period | API Category | N | Number Passed | % Passed |
|------------------|--------------------------------|-----|------------------|-------------|
| APR 2015 | All Categories, All Parameters | 36 | 14 | 38.8889 |
| APR 2015 | CJ-4 - All Parameters | 36 | 14 | 38.8889 |
| APR 2015 | CJ-4, MACKMER | 36 | 14 | 38.8889 |
| All | All Categories, All Parameters | 562 | 235 | 41.8149 |
| All | CJ-4 - All Parameters | 562 | 235 | 41.8149 |
| All | CJ-4, MACKMER | 562 | 235 | 41.8149 |



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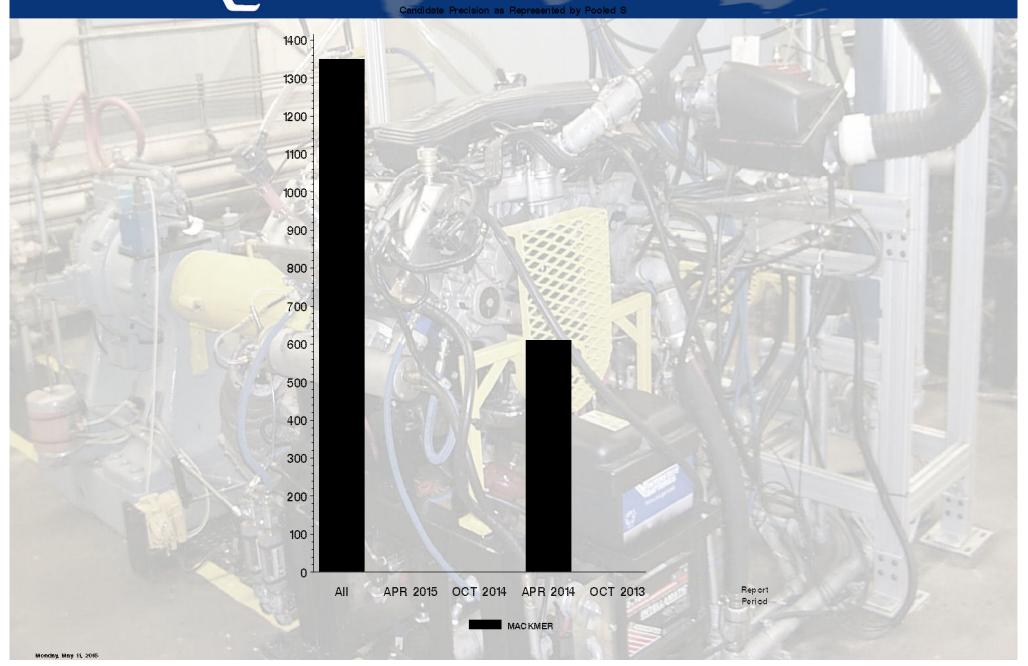


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