

***1P - Report Period: APR 2013***  
***Status Of Reported Tests***

| STATUS               | COUNT | PERCENT |
|----------------------|-------|---------|
| Aborted              | 2     | 40      |
| Invalid              | 1     | 20      |
| Valid                | 2     | 40      |
| Total Reported Tests | 5     | 100     |

***1P - Report Period: APR 2013***  
***Itemized Lost Test Report***

| Obs | Date     | TESTKEY   | REASON                                                             |
|-----|----------|-----------|--------------------------------------------------------------------|
| 1   | 20121004 | ACC-10883 | Test Terminated At Test Hour 145 Due To Exceeding Downtime Limits. |
| 2   | 20130306 | ACC-11783 | Test Declared Invalid Due To Exceeding Downtime Limit.             |
| 3   | 20130321 | ACC-11847 | Test Terminated At Test Hour 209 Due To Erratic Oil Consumption.   |

***1P - Report Period: APR 2013***  
***Replicate Database Report***

| Components of<br>Replicate<br>Database | APR<br>2013 | All<br>Periods |
|----------------------------------------|-------------|----------------|
| Number of Tests                        | .           | 36             |
| Formulations                           | .           | 17             |
| Labs                                   | .           | 4              |
| Stands                                 | .           | 14             |

***1P - Report Period: APR 2013***  
***by-Formulation Pooled s and Reproducibility of Replicate Data***

| Report Period | Parameter          | Degrees of Freedom | Pooled s | R       |
|---------------|--------------------|--------------------|----------|---------|
| All           | TGC                | 19                 | 6.0081   | 16.823  |
| All           | EOTOC (Without SA) | 19                 | 0.1718   | 0.481   |
| All           | TLC                | 19                 | 8.9789   | 25.141  |
| All           | WD                 | 19                 | 42.6947  | 119.545 |
| All           | OC                 | 19                 | 0.1718   | 0.481   |
| All           | EOTOC              | 19                 | 0.1049   | 0.294   |
| All           | TGC (Without SA)   | 19                 | 6.3449   | 17.766  |
| All           | TLC (Without SA)   | 19                 | 8.5653   | 23.983  |
| All           | WD (Without SA)    | 19                 | 43.3468  | 121.371 |
| All           | OC (Without SA)    | 19                 | 0.1049   | 0.294   |

**1P - Report Period: APR 2013**  
**Pass/Fail**

| Report Period | API Category                   | N   | Number Passed | % Passed |
|---------------|--------------------------------|-----|---------------|----------|
| APR 2013      | All Categories, All Parameters | 2   | 2             | 100.000  |
| APR 2013      | CI-4 - All Parameters          | 2   | 2             | 100.000  |
| APR 2013      | CI-4, EOTOC                    | 2   | 2             | 100.000  |
| APR 2013      | CI-4, EOTOC (Without SA)       | 2   | 2             | 100.000  |
| APR 2013      | CI-4, OC                       | 2   | 2             | 100.000  |
| APR 2013      | CI-4, OC (Without SA)          | 2   | 2             | 100.000  |
| APR 2013      | CI-4, SCUFFING                 | 2   | 2             | 100.000  |
| APR 2013      | CI-4, STUCK_RINGS              | 2   | 2             | 100.000  |
| APR 2013      | CI-4, TGC                      | 2   | 2             | 100.000  |
| APR 2013      | CI-4, TGC (Without SA)         | 2   | 2             | 100.000  |
| APR 2013      | CI-4, TLC                      | 2   | 2             | 100.000  |
| APR 2013      | CI-4, TLC (Without SA)         | 2   | 2             | 100.000  |
| APR 2013      | CI-4, WD                       | 2   | 2             | 100.000  |
| APR 2013      | CI-4, WD (Without SA)          | 2   | 2             | 100.000  |
| All           | All Categories, All Parameters | 330 | 198           | 60.000   |
| All           | CI-4 - All Parameters          | 330 | 198           | 60.000   |
| All           | CI-4, EOTOC                    | 330 | 268           | 81.212   |
| All           | CI-4, EOTOC (Without SA)       | 330 | 257           | 77.879   |
| All           | CI-4, OC                       | 330 | 297           | 90.000   |
| All           | CI-4, OC (Without SA)          | 330 | 292           | 88.485   |
| All           | CI-4, SCUFFING                 | 330 | 274           | 83.030   |
| All           | CI-4, STUCK_RINGS              | 330 | 329           | 99.697   |
| All           | CI-4, TGC                      | 330 | 264           | 80.000   |
| All           | CI-4, TGC (Without SA)         | 330 | 255           | 77.273   |
| All           | CI-4, TLC                      | 330 | 244           | 73.939   |

***1P - Report Period: APR 2013***  
***Pass/Fail***

| Report Period | API Category           | N   | Number Passed | % Passed |
|---------------|------------------------|-----|---------------|----------|
| All           | CI-4, TLC (Without SA) | 330 | 244           | 73.939   |
| All           | CI-4, WD               | 330 | 266           | 80.606   |
| All           | CI-4, WD (Without SA)  | 330 | 259           | 78.485   |



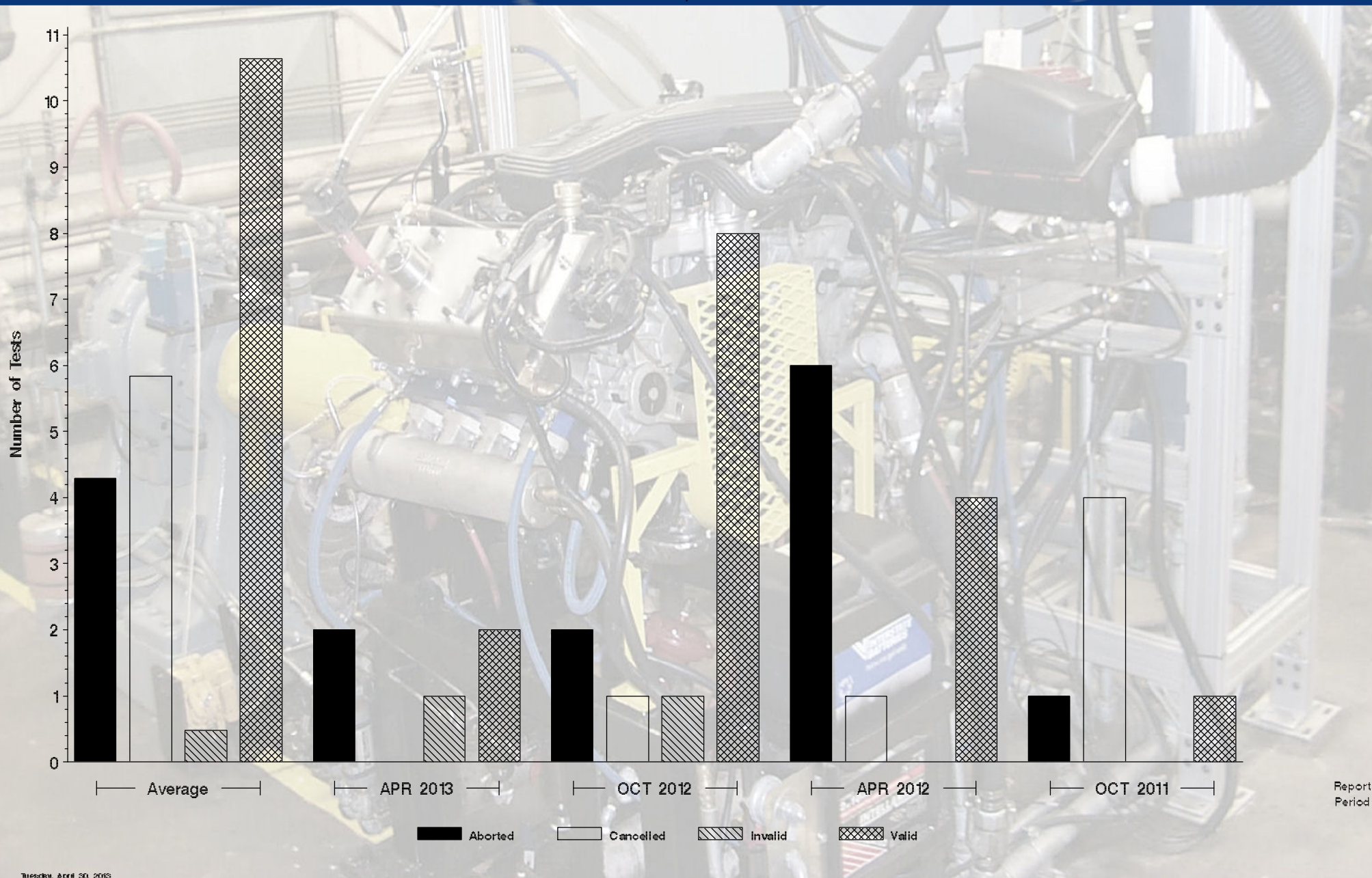
# Monitoring Agency

6555 Penn Avenue, Pittsburgh, PA 15206

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Status of Reported Tests





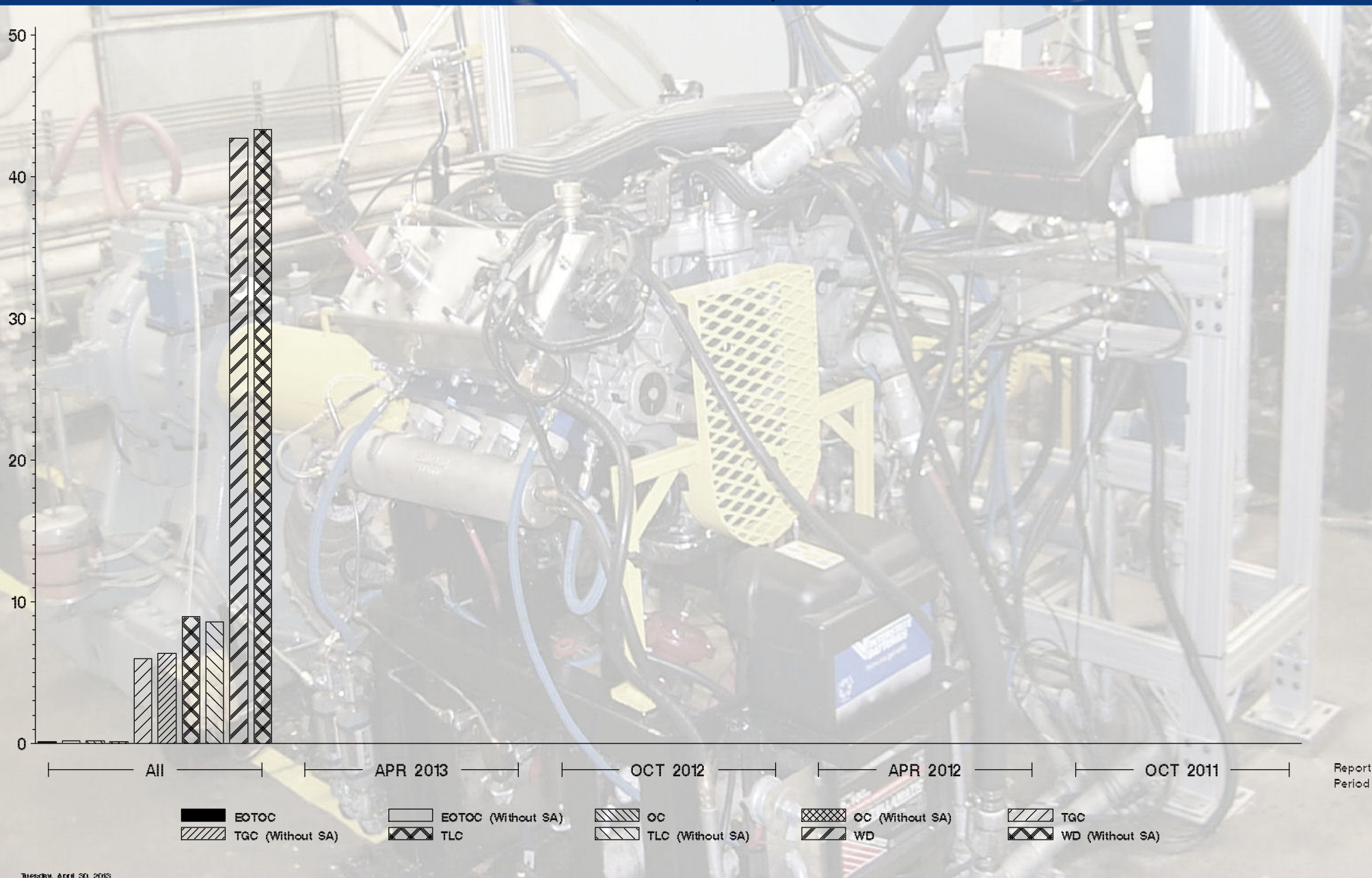
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