

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

| STATUS               | COUNT | PERCENT |
|----------------------|-------|---------|
| Aborted              | 2     | 40      |
| Valid                | 3     | 60      |
| Total Reported Tests | 5     | 100     |

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

| Obs | Date     | TESTKEY   | REASON                                                                  |
|-----|----------|-----------|-------------------------------------------------------------------------|
| 1   | 20130108 | ACC-11480 | Test Terminated At Test Hour190 Due To Mechanical Failure (Gear Train). |
| 2   | 20130212 | ACC-11598 | Test Terminated During Break-In Due To Gear Train Failure.              |

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

| Components of<br>Replicate<br>Database | APR<br>2013 | All<br>Periods |
|----------------------------------------|-------------|----------------|
| Number of Tests                        | .           | 11             |
| Formulations                           | .           | 5              |
| Labs                                   | .           | 3              |
| Stands                                 | .           | 7              |

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

| Report Period | Parameter          | Degrees of Freedom | Pooled s | R       |
|---------------|--------------------|--------------------|----------|---------|
| All           | TGC                | 6                  | 19.7517  | 55.305  |
| All           | EOTOC (Without SA) | 6                  | 1.6235   | 4.546   |
| All           | TLC                | 6                  | 9.8780   | 27.658  |
| All           | WD                 | 6                  | 44.8153  | 125.483 |
| All           | BOTOC              | 6                  | 1.3620   | 3.814   |
| All           | EOTOC              | 6                  | 1.6235   | 4.546   |
| All           | TGC (Without SA)   | 6                  | 19.7298  | 55.243  |
| All           | TLC (Without SA)   | 6                  | 9.8780   | 27.658  |
| All           | WD (Without SA)    | 6                  | 44.8153  | 125.483 |
| All           | BOTOC (Without SA) | 6                  | 1.3620   | 3.814   |

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

| Report Period | API Category                   | N   | Number Passed | % Passed |
|---------------|--------------------------------|-----|---------------|----------|
| APR 2013      | All Categories, All Parameters | 3   | 2             | 66.667   |
| APR 2013      | CI-4 - All Parameters          | 3   | 2             | 66.667   |
| APR 2013      | CI-4, BOTO                     | 3   | 3             | 100.000  |
| APR 2013      | CI-4, BOTO (Without SA)        | 3   | 3             | 100.000  |
| APR 2013      | CI-4, EOTO                     | 3   | 2             | 66.667   |
| APR 2013      | CI-4, EOTO (Without SA)        | 3   | 2             | 66.667   |
| APR 2013      | CI-4, SCUFFING                 | 3   | 2             | 66.667   |
| APR 2013      | CI-4, STUCK_RINGS              | 3   | 3             | 100.000  |
| APR 2013      | CI-4, TGC                      | 3   | 3             | 100.000  |
| APR 2013      | CI-4, TGC (Without SA)         | 3   | 3             | 100.000  |
| APR 2013      | CI-4, TLC                      | 3   | 2             | 66.667   |
| APR 2013      | CI-4, TLC (Without SA)         | 3   | 2             | 66.667   |
| APR 2013      | CI-4, WD                       | 3   | 2             | 66.667   |
| APR 2013      | CI-4, WD (Without SA)          | 3   | 2             | 66.667   |
| All           | All Categories, All Parameters | 139 | 105           | 75.540   |
| All           | CI-4 - All Parameters          | 139 | 105           | 75.540   |
| All           | CI-4, BOTO                     | 139 | 139           | 100.000  |
| All           | CI-4, BOTO (Without SA)        | 139 | 139           | 100.000  |
| All           | CI-4, EOTO                     | 139 | 132           | 94.964   |
| All           | CI-4, EOTO (Without SA)        | 139 | 132           | 94.964   |
| All           | CI-4, SCUFFING                 | 139 | 138           | 99.281   |
| All           | CI-4, STUCK_RINGS              | 139 | 139           | 100.000  |
| All           | CI-4, TGC                      | 139 | 117           | 84.173   |
| All           | CI-4, TGC (Without SA)         | 139 | 119           | 85.612   |
| All           | CI-4, TLC                      | 139 | 123           | 88.489   |

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

| Report Period | API Category           | N   | Number Passed | % Passed |
|---------------|------------------------|-----|---------------|----------|
| All           | CI-4, TLC (Without SA) | 139 | 123           | 88.489   |
| All           | CI-4, WD               | 139 | 111           | 79.856   |
| All           | CI-4, WD (Without SA)  | 139 | 111           | 79.856   |

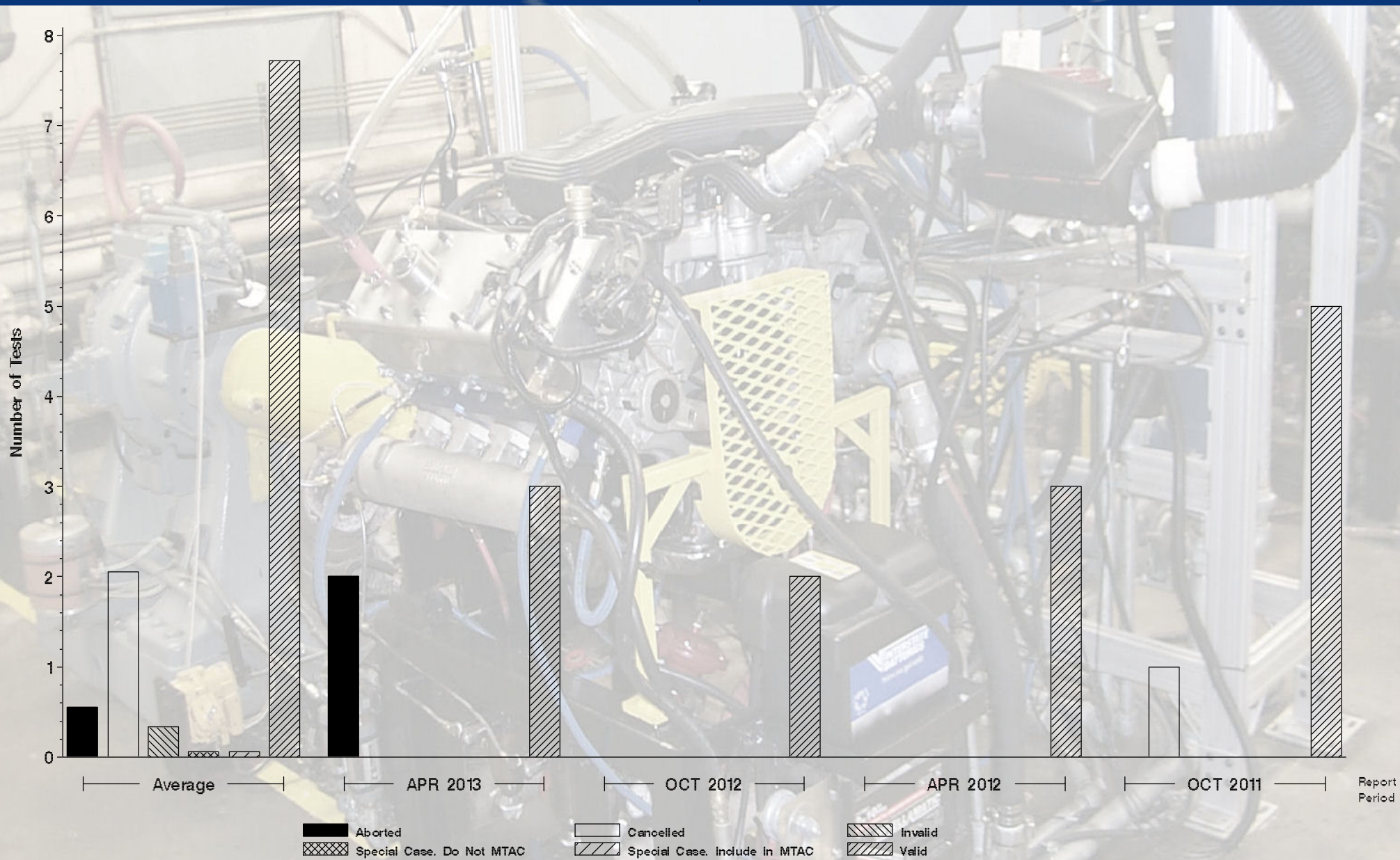


# Monitoring Agency

6555 Penn Avenue, Pittsburgh, PA 15206

<https://acc-ma.org>

1R  
Status of Reported Tests





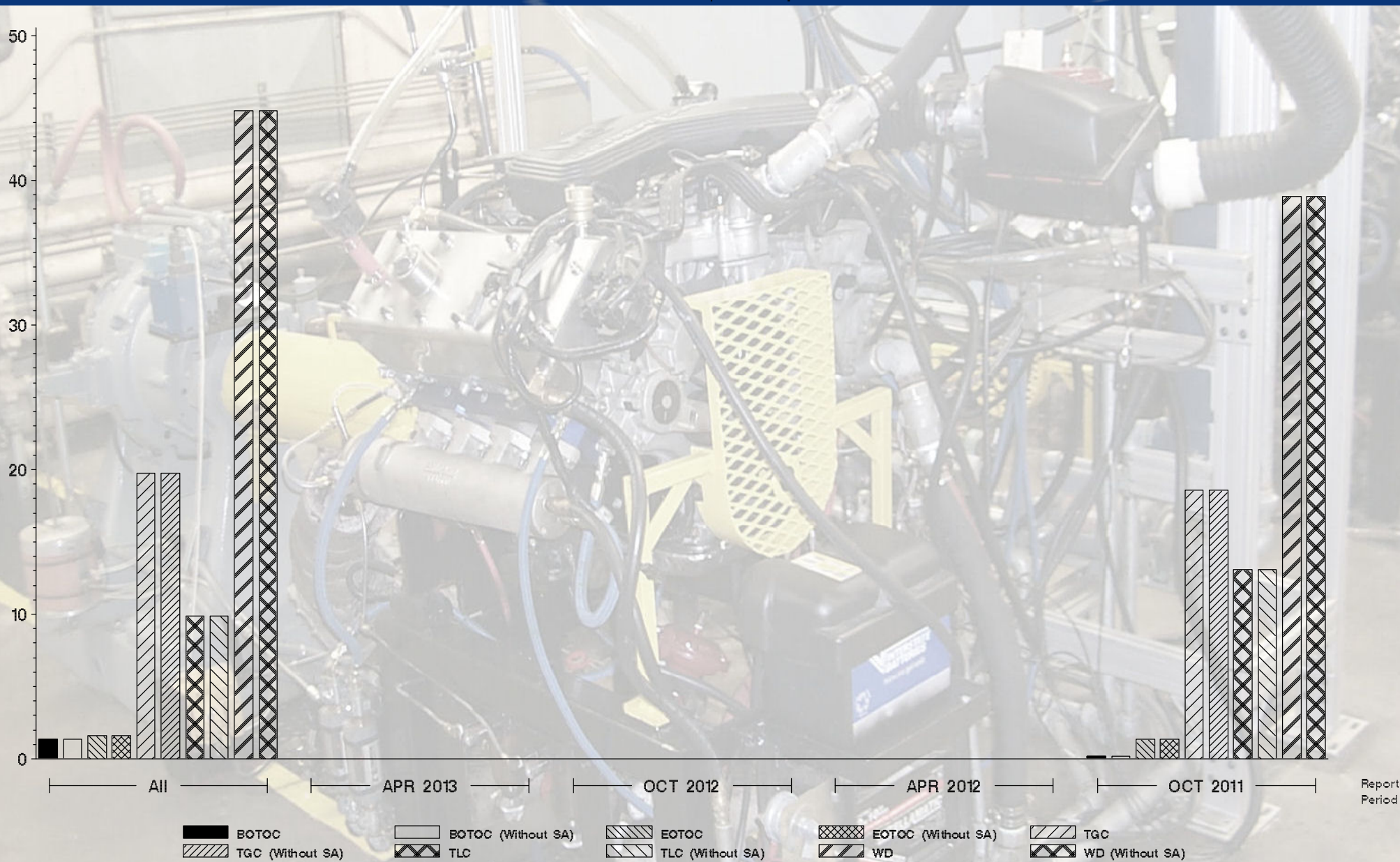
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1R

Candidate Precision as Represented by Pooled S





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