

**T13 - Report Period: OCT 2018**  
**Status Of Reported Tests**

| STATUS               | COUNT | PERCENT |
|----------------------|-------|---------|
| Aborted              | 2     | 6.897   |
| Cancelled            | 1     | 3.448   |
| Valid                | 26    | 89.655  |
| Total Reported Tests | 29    | 100.000 |

**T13 - Report Period: OCT 2018**  
**Itemized Lost Test Report**

| Obs | Date     | TESTKEY   | REASON                                                                                             |
|-----|----------|-----------|----------------------------------------------------------------------------------------------------|
| 1   | 20180731 | ACC-23404 | Test Terminated At Test Hour 48 Due To Oil Loss.                                                   |
| 2   | 20180801 | ACC-23428 | Test Terminated At Test Hour 181 Due To High Crankcase Pressure Caused By A Collapsed Blowby Line. |
| 3   | 20180917 | ACC-23719 | Test Terminated At Test Hour 359 At Sponsor Request.                                               |

**T13 - Report Period: OCT 2018**  
**Replicate Database Report**

| Components of<br>Replicate<br>Database | OCT<br>2018 | All<br>Periods |
|----------------------------------------|-------------|----------------|
| Number of Tests                        | .           | 6              |
| Formulations                           | .           | 3              |
| Labs                                   | .           | 3              |
| Stands                                 | .           | 6              |

**T13 - Report Period: OCT 2018**  
**by-Formulation Pooled s and Reproducibility of Replicate Data**

| Report Period | Parameter            | Degrees of Freedom | Pooled s | R       |
|---------------|----------------------|--------------------|----------|---------|
| All           | IRPH360              | 3                  | 36.1916  | 101.336 |
| All           | KV40PC               | 3                  | 33.3708  | 93.438  |
| All           | IRPH360 (Without SA) | 3                  | 34.7525  | 97.307  |
| All           | KV40PC (Without SA)  | 3                  | 26.6053  | 74.495  |

**T13 - Report Period: OCT 2018**  
**Pass/Fail**

| Report Period | API Category                   | N   | Number Passed | % Passed |
|---------------|--------------------------------|-----|---------------|----------|
| OCT 2018      | All Categories, All Parameters | 26  | 18            | 69.2308  |
| OCT 2018      | CK - All Parameters            | 26  | 18            | 69.2308  |
| OCT 2018      | CK, IRPH360                    | 26  | 18            | 69.2308  |
| OCT 2018      | CK, IRPH360 (Without SA)       | 26  | 18            | 69.2308  |
| OCT 2018      | CK, KV40PC                     | 26  | 20            | 76.9231  |
| OCT 2018      | CK, KV40PC (Without SA)        | 26  | 20            | 76.9231  |
| All           | All Categories, All Parameters | 247 | 178           | 72.0648  |
| All           | CK - All Parameters            | 247 | 178           | 72.0648  |
| All           | CK, IRPH360                    | 247 | 188           | 76.1134  |
| All           | CK, IRPH360 (Without SA)       | 247 | 207           | 83.8057  |
| All           | CK, KV40PC                     | 247 | 200           | 80.9717  |
| All           | CK, KV40PC (Without SA)        | 247 | 224           | 90.6883  |



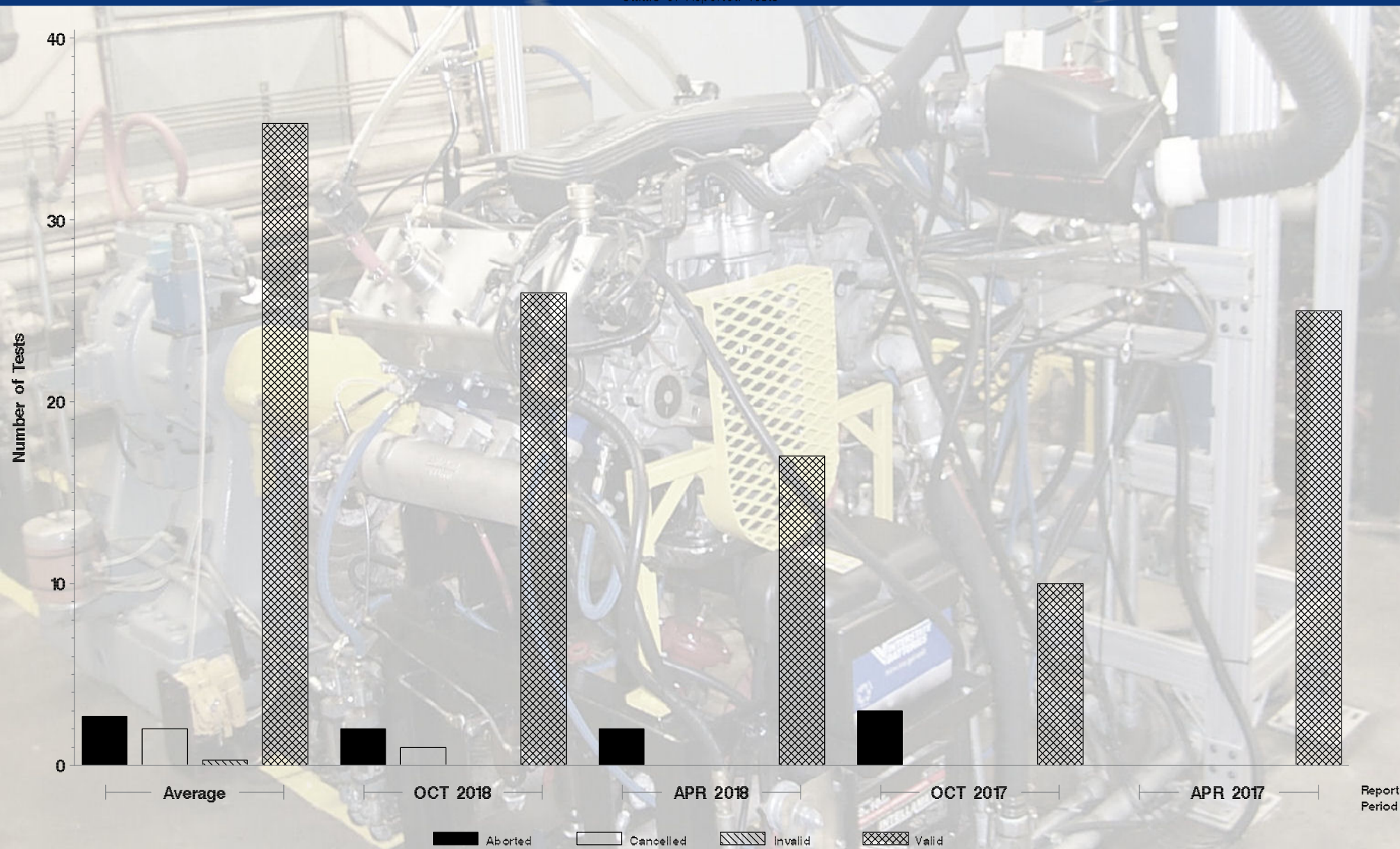
# Monitoring Agency

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

