

***IIIGB - Report Period: OCT 2013***  
***Status Of Reported Tests***

| STATUS               | COUNT | PERCENT |
|----------------------|-------|---------|
| Aborted              | 18    | 18.367  |
| Cancelled            | 1     | 1.020   |
| Invalid              | 3     | 3.061   |
| Valid                | 76    | 77.551  |
| Total Reported Tests | 98    | 100.000 |

**IIIGB - Report Period: OCT 2013**  
**Itemized Lost Test Report**

| Obs | Date     | TESTKEY   | REASON  |
|-----|----------|-----------|---|
| 1   | 20130402 | ACC-11912 | Test Terminated At Test Hour 99 Due To High Tps And Loss Of Oil Temperature Control.  |
| 2   | 20130418 | ACC-12003 | Test Invalid Due To Lost 80 Hour Purge Sample Resulting In Oil Level Artificially Low.  |
| 3   | 20130418 | ACC-11997 | Test Was Terminated At Test Hour 95 Due To Loss Of Oil Temperature Control Resulting From Significant Viscosity Increase.                         |
| 4   | 20130419 | ACC-12014 | Test Terminated At Test Hour 66 At Sponsor's Request.   |
| 5   | 20130502 | ACC-12066 | Test Was Terminated At Test Hour 92 Due To High Oil Consumption And Loss Of Oil Temperature Control.  |
| 6   | 20130508 | ACC-12088 | Test Terminated At Test Hour 93 Due To Loss Of Oil Temperature Control.   |
| 7   | 20130522 | ACC-12168 | Test Declared Invalid Due To Excessive Fuel Dilution In The Initial Sample Caused By Multipule Start Attempts Due To A Bad Dyno Driver.           |
| 8   | 20130529 | ACC-12189 | Test Terminated At Test Hour 89 Due To Blown Head Gasket.   |
| 9   | 20130612 | ACC-12283 | Test Terminated At Test Hour 76 Due To Loss Of Oil Pressure Caused By Bearing Failures On Main And Rods.  |
| 10  | 20130618 | ACC-12229 | Test Terminated At Test Hour 95 Due To Blown Head Gasket.   |
| 11  | 20130701 | ACC-12364 | Test Terminated At Test Hour 99 Due To Loss Of Oil Temperature Control, And Inability To Maintain Load.   |
| 12  | 20130716 | ACC-12438 | Test Terminated At Test Hour 97 Due To Loss Of Oil Temperature Control  |
| 13  | 20130724 | ACC-12479 | Test Terminated At Test Hour 57 Due To To Blown Head Gasket.  |
| 14  | 20130805 | ACC-12535 | Test Terminated At Test Hour 97 Due To Loss Of Oil Temperature Control And Inability To Maintain Load Caused By Excessive Oil Viscosity Increase. |
| 15  | 20130813 | ACC-12586 | Test Was Terminated At Test Hour 96 Due To Loss Of Oil Temperature Control, And High Blowby Caused By Stuck Rings.                                |
| 16  | 20130814 | ACC-12590 | Test Terminated At Test Hour 95 As Oil Temperature Was Uncontrollable Due To Excessive Vis Increase.  |
| 17  | 20130821 | ACC-12654 | Test Terminated At Test Hour 96 Due To Loss Of Oil Temperature Control And Inability To Maintain Load Caused By Excessive Oil Viscosity Increase. |
| 18  | 20130821 | ACC-12593 | Test Terminated At Test Hour 97 As Oil Temperature Was Uncontrollable Due To Excessive Viscosity Increase.  |
| 19  | 20130822 | ACC-12657 | Test Terminated At Test Hour 88 Due To Loss Of Load Control.  |
| 20  | 20130918 | ACC-12798 | Test Terminated At Test Hour 92 Due To High Oil Consumption And Loss Of Oil Temperature Control.  |
| 21  | 20130923 | ACC-12774 | Test Declared Invalid Due To Blown Head Gasket.   |
| 22  | 20130925 | ACC-12814 | Test Terminated At Test Hour 20 Due To Loss Of Load Control.  |

***IIIGB - Report Period: OCT 2013***  
***Replicate Database Report***

| Components of<br>Replicate<br>Database | OCT<br>2013 | All<br>Periods |
|--|-------------|----------------|
| Number of Tests                        | 3           | 40             |
| Formulations                           | 2           | 19             |
| Labs                                   | 2           | 6              |
| Stands                                 | 2           | 15             |

***IIIGB - Report Period: OCT 2013***  
***by-Formulation Pooled s and Reproducibility of Replicate Data***

| Report Period | Parameter         | Degrees of Freedom | Pooled s | R       |
|---------------|-------------------|--------------------|----------|---------|
| OCT 2013      | PHOS              | 1                  | 0.24749  | 0.69296 |
| OCT 2013      | PHOS (Without SA) | 1                  | 0.24749  | 0.69296 |
| All           | PHOS              | 21                 | 1.62763  | 4.55737 |
| All           | PHOS (Without SA) | 21                 | 1.62550  | 4.55139 |

**IIIGB - Report Period: OCT 2013**  
**Pass/Fail**

| Report Period | API Category                   | N   | Number Passed | % Passed |
|---------------|--------------------------------|-----|---------------|----------|
| OCT 2013      | All Categories, All Parameters | 76  | 65            | 85.5263  |
| OCT 2013      | SN - All Parameters            | 76  | 65            | 85.5263  |
| OCT 2013      | SN, PHOS                       | 76  | 65            | 85.5263  |
| OCT 2013      | SN, PHOS (Without SA)          | 76  | 57            | 75.0000  |
| All           | All Categories, All Parameters | 992 | 916           | 92.3387  |
| All           | SN - All Parameters            | 992 | 916           | 92.3387  |
| All           | SN, PHOS                       | 992 | 916           | 92.3387  |
| All           | SN, PHOS (Without SA)          | 992 | 801           | 80.7460  |



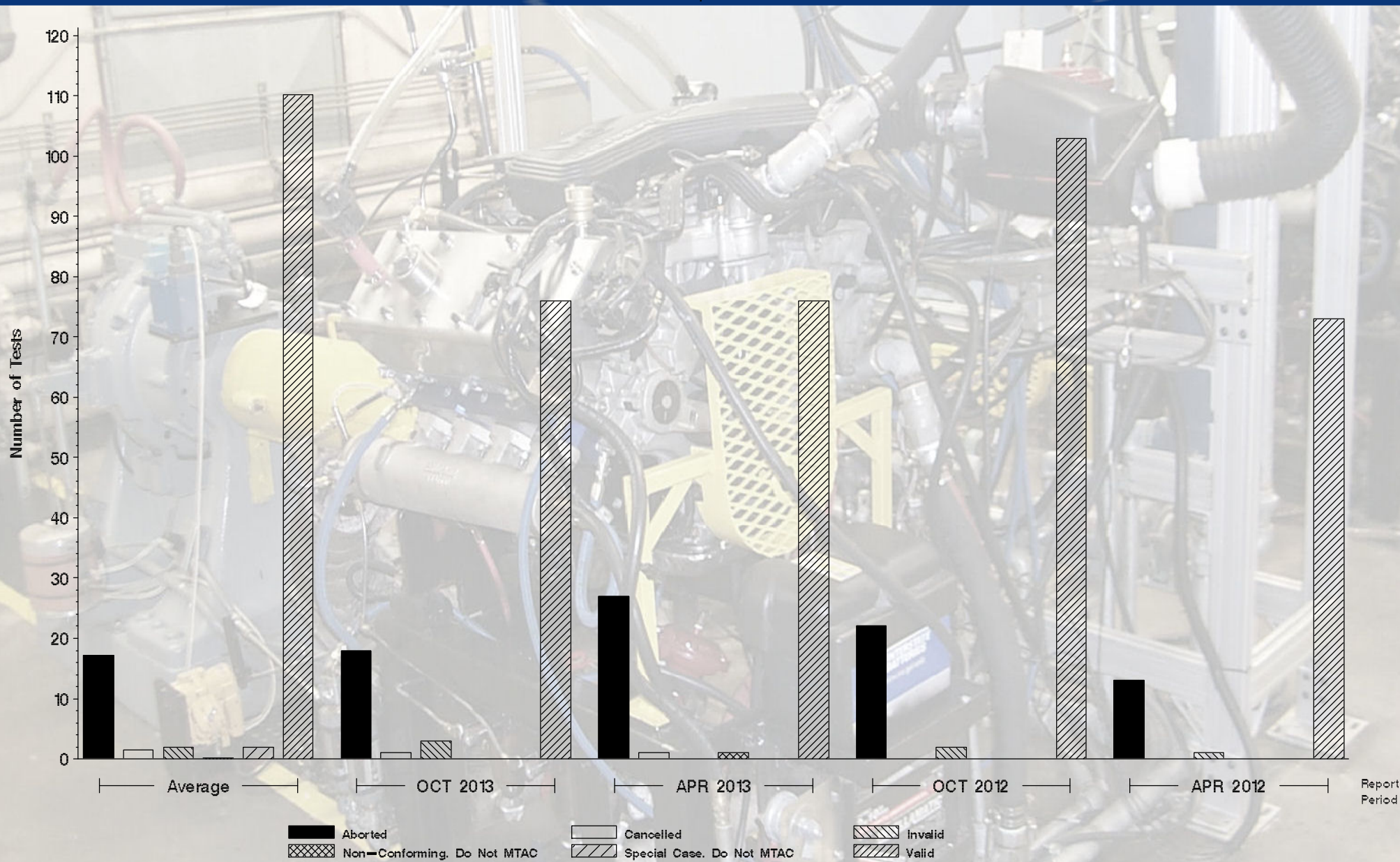
# Monitoring Agency

6555 Penn Avenue, Pittsburgh, PA 15206

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Status of Reported Tests







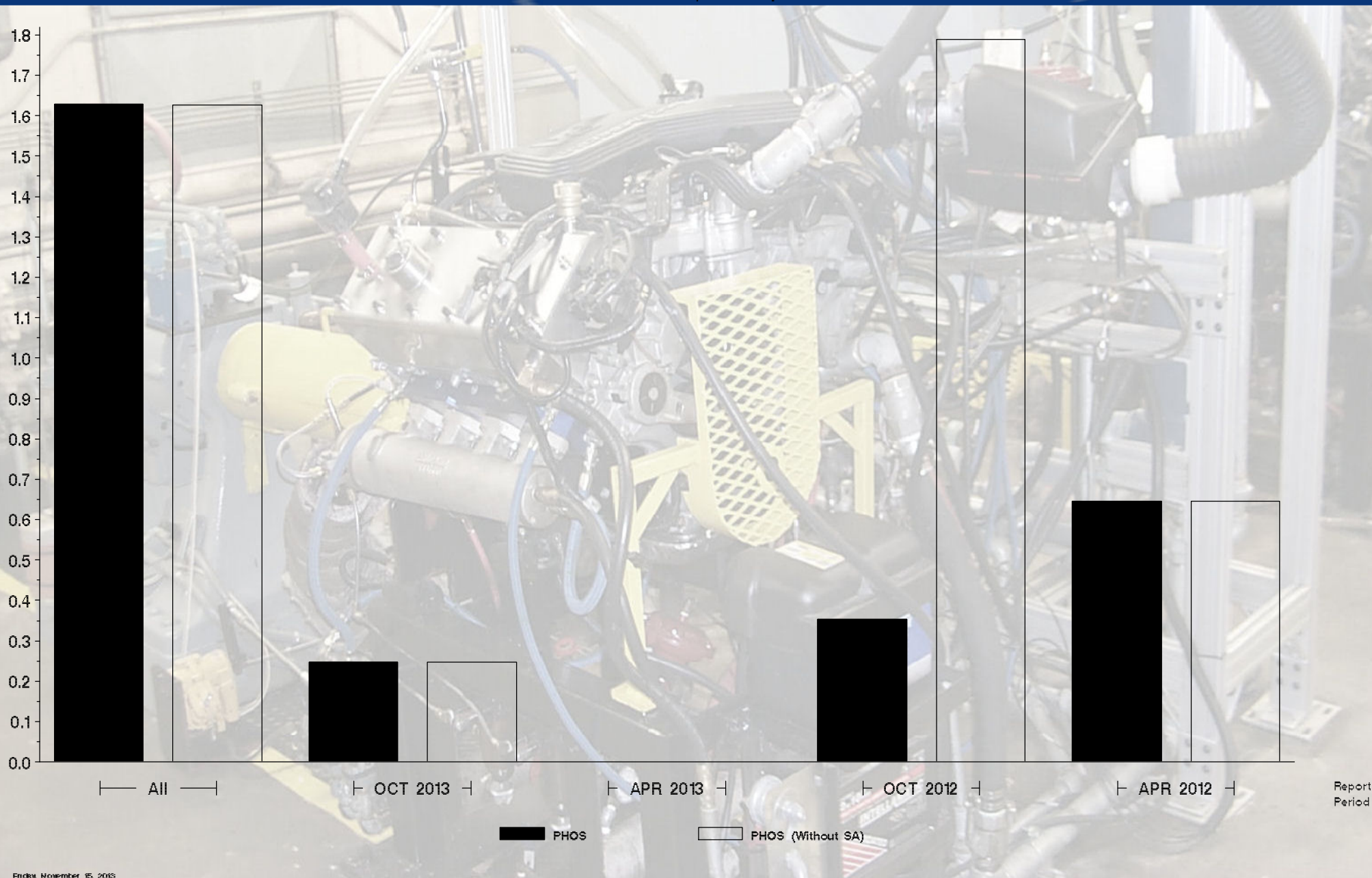
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