

**Status Of Reported Tests**

| STATUS               | COUNT | PERCENT |
|----------------------|-------|---------|
| Aborted              | 3     | 15      |
| Valid                | 17    | 85      |
| Total Reported Tests | 20    | 100     |

**Itemized Lost Test Report**

| Obs | Date     | TESTKEY   | REASON                                                                      |
|-----|----------|-----------|-----------------------------------------------------------------------------|
| 1   | 20240506 | ACC-35792 | Test Aborted Due To Oil Drain Plug Falling Out.                             |
| 2   | 20240521 | ACC-35897 | Test Aborted Due To High Blowby Pressure And High Oil Filter Pressure Delta |
| 3   | 20240912 | ACC-36915 | Test Aborted Due To Engine Failure.                                         |

**Replicate Database Report**

| <b>Components of<br/>Replicate<br/>Database</b> | <b>OCT<br/>2024</b> | <b>All<br/>Periods</b> |
|-------------------------------------------------|---------------------|------------------------|
| Number of Tests                                 | 2                   | 39                     |
| Formulations                                    | 1                   | 19                     |
| Labs                                            | 2                   | 5                      |
| Stands                                          | 2                   | 10                     |

## by-Formulation Pooled s and Reproducibility of Replicate Data

| Report Period | Parameter | Degrees of Freedom | Pooled s | R       |
|---------------|-----------|--------------------|----------|---------|
| OCT 2024      | ISMMER    | 1                  | 115.895  | 324.51  |
| OCT 2024      | ARWLTFNL  | 1                  | 10.889   | 30.49   |
| All           | ISMMER    | 20                 | 834.474  | 2336.53 |
| All           | ARWLTFNL  | 20                 | 10.423   | 29.18   |

**Pass/Fail**  
ARWLTFNL <=100

| Report Period | API Category                   | N   | Number Passed | % Passed |
|---------------|--------------------------------|-----|---------------|----------|
| OCT 2024      | All Categories, All Parameters | 17  | 13            | 76.471   |
| OCT 2024      | CJ-4 - All Parameters          | 17  | 13            | 76.471   |
| OCT 2024      | CJ-4, ARWLTFNL                 | 17  | 17            | 100.000  |
| OCT 2024      | CJ-4, ISMMER                   | 17  | 13            | 76.471   |
| All           | All Categories, All Parameters | 779 | 358           | 45.956   |
| All           | CJ-4 - All Parameters          | 779 | 358           | 45.956   |
| All           | CJ-4, ARWLTFNL                 | 779 | 757           | 97.176   |
| All           | CJ-4, ISMMER                   | 779 | 363           | 46.598   |

# ACC Monitoring Agency

203 Armstrong Drive, Freeport, PA 16229, USA

<https://www.acc-ma.org>  
412-365-1000

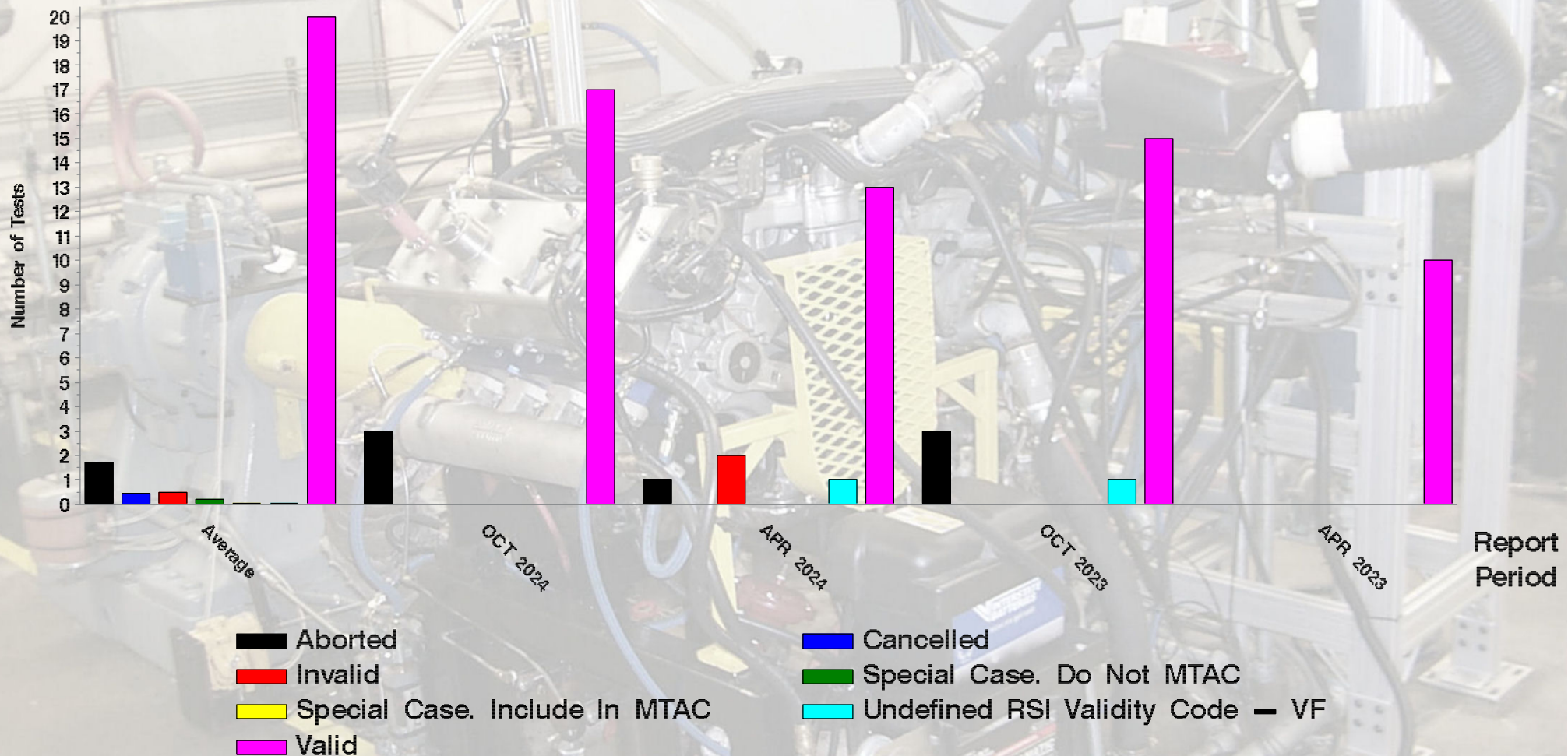
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## ISM

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Candidate Precision as Represented by Pooled S

