## Report Forms Evaluation of the Rust Preventive Characteristics of Automotive Engine Oils (Ball Rust Test)

Version

Conducted For

V = Valid I = Invalid

| Test Number |                  |              |  |  |  |
|-------------|------------------|--------------|--|--|--|
|             | Test Run No.     |              |  |  |  |
|             | End of Test Time |              |  |  |  |
|             |                  |              |  |  |  |
|             |                  |              |  |  |  |
|             | Test             | Test Run No. |  |  |  |

In my opinion this test been conducted in a valid manner in accordance with the Test Method D 6557 and the appropriate amendments through the information letter system. The remarks included in the report describe the anomalies associated with this test.

<sup>A</sup>CMIR or Non-Reference Oil

Testing Laboratory

Signature

Typed Name

Title

## Form 2 Evaluation of the Rust Preventive Characteristics of Automotive Engine Oils (Ball Rust Test)

| Lab                             |                         |                         |                       |  |  |  |
|---------------------------------|-------------------------|-------------------------|-----------------------|--|--|--|
| Shaker Table ID                 |                         | Test Run No.            |                       |  |  |  |
| Test Start Date                 |                         | Test Start Time, hh:    | mm                    |  |  |  |
| Test Finish Date                |                         | Test Finish Time, hh:mm |                       |  |  |  |
| Image Analysis Software Version |                         |                         |                       |  |  |  |
| Calibration Reference           | Start of Image Analysis |                         | End of Image Analysis |  |  |  |
| Specimen (Ball) AGV             |                         |                         |                       |  |  |  |

| Reference Oil                  |        |        | Non-reference Oil     |                             |                     |        |        |         |
|--------------------------------|--------|--------|-----------------------|-----------------------------|---------------------|--------|--------|---------|
| CMIR Code                      |        |        |                       | Oil Code                    |                     |        |        |         |
| TMC Oil ID                     |        |        |                       |                             |                     |        |        |         |
| Lab Oil Code                   |        |        | Lab Oil Code          |                             |                     |        |        |         |
| SAE Viscosity                  |        |        | SAE Viscosity         |                             |                     |        |        |         |
| Acid Batch Serial No.          |        |        | Acid Batch Serial No. |                             |                     |        |        |         |
|                                | Tube 1 | Tube 2 | Average               |                             |                     | Tube 1 | Tube 2 | Average |
| Instrument Position            |        |        |                       | Instrument P                | osition             |        |        |         |
| Air Flow Rate, cc/min          |        |        |                       | Air Flow Rate, cc/min       |                     |        |        |         |
| No. of Image Readings Taken    |        |        |                       | No. of Image Readings Taken |                     |        |        |         |
| Average Gray Value             |        |        |                       | Average Gra                 | ay Value            |        |        |         |
| Tube to Tube Percent Variation |        |        |                       | Tube to Tube                | e Percent Variation |        |        |         |

| Ball Set Serial Number |               |                   |  |  |  |
|------------------------|---------------|-------------------|--|--|--|
|                        | Reference Oil | Non-reference Oil |  |  |  |
| Tube 1                 |               | Tube 1            |  |  |  |
| Tube 2                 |               | Tube 2            |  |  |  |

## Form 3 Evaluation of the Rust Preventive Characteristics of Automotive Engine Oils Comments

| Lab        | Shaker Table ID |       | Test Run No. |  |
|------------|-----------------|-------|--------------|--|
| EOT Date   |                 | EOT   | Time         |  |
| Start Date |                 | Start | Time         |  |
| Oil Code   |                 |       |              |  |

| Number of Comment Lines |  |  |  |
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