



**Shield Lubricants & Specialities Pvt. Ltd.**

**LABORATORY TEST REPORT**

|   |                   |
|---|-------------------|
| PRODUCT NAME :SHIELD MULTIGRADE 20W40 API CC-SC | DATE : 01/11/2025 |
| BATCH NO : SL/25-11/1460                        | LAB.SR.NO. – 934  |

| SR. NO. | TEST                        | TEST METHOD | UNIT         | SPECIFICATION           | BATCH TEST REPORT |
|---------|-----------------------------|-------------|--------------|-------------------------|-------------------|
| 1       | Appearance                  | Visual      | ....         | Clear & Bright          | Clear & Bright    |
| 2       | Crackle Test                | Visual      | ....         | Nil                     | Nil               |
| 3       | Colour                      | ASTM D-1500 | ....         | Red                     | Red               |
| 4       | Density @29.5°C             | ASTM D-1298 | Kg/ml        | Report                  | 0.8551            |
| 5       | Kinematic Viscosity @ 100°C | ASTM D-445  | cSt          | 13.00 Min. - 14.50 Max. | 14.07             |
| 6       | Kinematic Viscosity @ 40°C  | ASTM D-445  | cSt          | Report                  | 107.1             |
| 7       | Viscosity Index             | ASTM D-2270 | ....         | 95 Min.                 | 133               |
| 8       | TBN, mg of KOH/gm           | ASTM D-2896 | mg of KOH/gm | 2 Min.                  | 5.12              |
| 9       | Pour Point                  | ASTM D97    | °C           | -9 Min.                 | -24               |
| 10      | Flash Point, COC            | ASTM D92    | °C           | 210 Min.                | 222               |

REMARK: SAMPLE PASS

TESTED BY: ANIL JARHAD

APPROVED BY: SANDIP BHAYAJE

DISCLAIMER: THIS IS A COMPUTER-GENERATED REPORT AND DOES NOT REQUIRE A PHYSICAL SIGNATURE.

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