



Shield Lubricants & Specialities Pvt. Ltd.

LABORATORY TEST REPORT

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| PRODUCT NAME : SHIELD MOTOR PREMIUM 5W30 API SN-CF | DATE : 18/11/2025 |
| BATCH NO. : SL/25-11/1594 | LAB.SR.NO. : 1015 |

| 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 | | L4.0 Max. | L1.5 |
| 4 | Density @29.5°C | ASTM D-1298 | Kg/ml | Report | 0.8468 |
| 5 | Kinematic Viscosity @ 100°C | ASTM D-445 | cSt | 10.50 Min. - 12.50 Max. | 11.86 |
| 6 | Kinematic Viscosity @ 40°C | ASTM D-445 | cSt | Report | 77.53 |
| 7 | Viscosity Index | ASTM D-2270 | | 140 Min. | 169 |
| 8 | TBN, mg of KOH/gm | ASTM D-2896 | mg of KOH/gm | 7.3 Min. | 8.75 |
| 9 | Flash Point , COC | ASTM D-92 | °C | 190 Min. | 218 |
| 10 | Pour Point | ASTM D-97 | °C | -33 | -33 |

REMARK – SAMPLE PASS

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

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