



Shield Lubricants & Specialities Pvt. Ltd.

LABORATORY TEST REPORT

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| PRODUCT NAME : PROTECTOR 4T SAE 20W40 API SL | DATE : 29/10/2025 |
| BATCH NO : SL/25-10/1433 | LAB.SR.NO. – 926 |

| 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 | | L3.0 Max. | L1.0 |
| 4 | Density @29.5°C | ASTM D-1298 | Kg/ml | Report | 0.8416 |
| 5 | Kinematic Viscosity @ 100°C | ASTM D-445 | cSt | 14.00 Min. - 15.50 Max. | 14.21 |
| 6 | Kinematic Viscosity @ 40°C | ASTM D-445 | cSt | Report | 92.58 |
| 7 | Viscosity Index | ASTM D-2270 | | 110 Min. | 158 |
| 8 | TBN, mg of KOH/gm | ASTM D-2896 | mg of KOH/gm | 4.5 Min. | 5.31 |
| 9 | Pour Point | ASTM D97 | °C | -24 Max. | -27 |
| 10 | Flash Point, COC | ASTM D92 | °C | 210 Min. | 218 |

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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