



LABORATORY TEST REPORT

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| PRODUCT NAME : SHIELD PROGEAR EP 80W90 API GL-4 | DATE : 04/01/2021 |
| BATCH NO : SL/21-01/1314 | LAB.SR.NO-610 |

| SR. NO | TEST | TEST METHOD | UNIT | SPECIFICATION | | BATCH TEST REPORT |
|--------|-----------------------------|-------------|-------------------|----------------|---------|-------------------|
| | | | | MINIMUM | MAXIMUM | |
| 1 | Appearance | Visual | | Clear & Bright | | Clear & Bright |
| 2 | Crackle Test | Visual | | Nil | | Nil |
| 3 | Colour | ASTM D-1500 | | L4.0 Max. | | L2.0 |
| 4 | Density @29.5°C | ASTM D-1298 | Kg/m ³ | To Be reported | | 0.8846 |
| 5 | Kinematic Viscosity @ 100°C | ASTM D-445 | Cst | 14.00 | 15.50 | 14.90 |
| 5 | Kinematic Viscosity @ 40°C | ASTM D-445 | Cst | To Be reported | | 153.9 |
| 7 | Viscosity Index | ASTM D-2270 | | 90 | | 96 |
| 8 | TAN, mg of KOH/gm | ASTM D-974 | mg of KOH/gm | | 1 | 0.81 |
| 9 | Flash Point, COC | ASTM D-92 | °C | 210 | | 238 |
| 10 | Pour Point | ASTM D-97 | °C | | -21 | -24 |

Remark: sample pass

Tested By: Anil Jarhad

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