



LABORATORY TEST REPORT

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| PRODUCT NAME. : SHIELD PRO GEAR EP 140 API GL-4 | DATE : 24/03/2024 |
| BATCH NO. : SL/24-03/4188 | LAB.SR.NO. : 3289 |

| 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. | L2.0 |
| 4 | Density @29.5°C | ASTM D-1298 | Kg/ml | Report | 0.8710 |
| 5 | Kinematic Viscosity @ 100°C | ASTM D-445 | cSt | 27 Min. - 31 Max. | 28.84 |
| 6 | Kinematic Viscosity @ 40°C | ASTM D-445 | cSt | Report | 290.0 |
| 7 | Viscosity Index | ASTM D-2270 | | 90 Min. | 133 |
| 8 | TAN, mg of KOH/gm | ASTM D-974 | mg of KOH/gm | Report | 0.35 |
| 9 | Flash Point , COC | ASTM D-92 | °C | 220 Min. | 240 |
| 10 | Pour Point | ASTM D-97 | °C | -9 Max. | -12 |

REMARK – SAMPLE PASS

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