



LABORATORY TEST REPORT

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| PRODUCT NAME : SHIELD GEARLUBE EP 460 ISO VG 460 | DATE :12/11/2020 |
| BATCH NO : SL/20-11/1050 | SR NO:433 |

| 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. | | L3.0 |
| 4 | Density @29.5°C | ASTM D-1298 | Kg/m ³ | Reported | | 0.8707 |
| 5 | Kinematic Viscosity @ 40°C | ASTM D-445 | mm ² /s | 410 | 430 | 427.7 |
| 6 | Kinematic Viscosity @ 100°C | ASTM D-445 | mm ² /s | Reported | | 46.07 |
| 7 | Viscosity Index | ASTM D-2270 | | 90 | | 165 |
| 8 | Total Acid Number | ASTM D-974 | MgKOH/g | | 0.80 | 0.90 |
| 9 | Flash Point , COC | ASTM D-92 | Deg.C | 230 | | 236 |
| 10 | Pour Point | ASTM D-97 | Deg.C | | -3 | -9 |

Remark: sample pass

Tested By: Sandip Bhayaje