



Shield Lubricants & Specialities Pvt. Ltd.

LABORATORY TEST REPORT

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| PRODUCT NAME : SHIELD FLEET POWER PREMIUM 15W40 API CI-4 PLUS | DATE : 10/01/2021 |
| BATCH. NO : SL/21-01/1325 | SR NO:627 |

| 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. | | L3.5 |
| 4 | Density @29.5°C | ASTM D-1298 | Kg/m ³ | Reported | | 0.8630 |
| 5 | Kinematic Viscosity @100°C | ASTM D-445 | mm ² /s | 14.00 | 15.50 | 14.58 |
| 6 | Kinematic Viscosity @ 40°C | ASTM D-445 | mm ² /s | Reported | | 104.0 |
| 7 | Viscosity Index | ASTM D-2270 | | 135 | | 144 |
| 8 | TBN, mg of KOH/gm | ASTM D-2896 | mg of KOH/gm | 10.50 | | 10.79 |
| 9 | Flash Point, COC | ASTM D-92 | °C | 220 | | 226 |
| 10 | Pour Point | ASTM D-97 | °C | | -27 | -33 |

Remark: sample pass

Tested By: Sandip Bhayaje