



Shield Lubricants & Specialities Pvt. Ltd.

LABORATORY TEST REPORT

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| PRODUCT NAME : SHIELD FLEET POWER MULTI 20W40 | DATE : 20/03/17 |
| BATCH NO : SL/17-03/628 | |

| SR. NO. | TEST PARAMETER | TEST METHOD | CUSTOMER SPECIFICATION | | BATCH RESULT |
|---------|----------------------|-------------|------------------------|---------|--------------|
| | | | MINIMUM | MAXIMUM | |
| 1 | Appearance | Visual | Clear & Bright Red Oil | | Cl. & Br. |
| 2 | Crackle Test | In-House | NIL | | Nil |
| 3 | Colour | ASTM D-1500 | Match with Standard | | Red |
| 4 | Density @29.5°C | ASTM D-1298 | To Be reported | | 0.8851 |
| 5 | Kin Visc.@100°C | ASTM D-445 | 14 | 15.5 | 14.86 |
| 6 | Kin Visc.@40°C | ASTM D-445 | To Be reported | | 136.5 |
| 7 | Viscosity Index | ASTM D-2270 | 110 Minimum | | 110 |
| 8 | Flash Point, °C, COC | ASTM D-92 | 230(T) | | 232 |
| 9 | Pour Point, °C | ASTM D-97 | -21 Maximum | | -21 |
| 10 | TBN, mg of KOH/gm | ASTM D-2896 | 8 Minimum | | 8.90 |

Tested By: *Sandip*