



**Shield Lubricants & Specialities Pvt. Ltd.**

**LABORATORY TEST REPORT**

|  |                 |
|--|-----------------|
| PRODUCT NAME : SHIELD GEAR LUBE EP 460 | DATE : 22/03/17 |
| BATCH NO : SL/17-03/632                |                 |

| SR. NO. | TEST PARAMETER       | TEST METHOD | CUSTOMER SPECIFICATION |         | BATCH RESULT |
|---------|----------------------|-------------|------------------------|---------|--------------|
|         |                      |             | MINIMUM                | MAXIMUM |              |
| 1       | Appearance           | Visual      | Clear & Bright         |         | Cl. & Br.    |
| 2       | Crackle Test         | In-House    | NIL                    |         | Nil          |
| 3       | Colour               | ASTM D-1500 | 4.0 MAX                |         | L 3.0        |
| 4       | Density @29.5°C      | ASTM D-1298 | To Be reported         |         | 0.8820       |
| 5       | Kin Visc.@40°C       | ASTM D-445  | 430                    | 460     | 458.9        |
| 6       | Kin Visc.@100°C      | ASTM D-445  | To Be reported         |         | 44.46        |
| 7       | Viscosity Index      | ASTM D-2270 | 90 Minimum             |         | 151          |
| 8       | Flash Point, °C, COC | ASTM D-92   | 230(T)                 |         | 244          |
| 9       | Pour Point, °C       | ASTM D-97   | -3 Maximum             |         | -6           |
| 10      | TAN, mg of KOH/gm    | ASTM D-974  | 0.25 Minimum           |         | 0.52         |

Tested By: *Sandip*

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