



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

**LABORATORY TEST REPORT**

|   |                   |
|---|-------------------|
| PRODUCT NAME : GEAR LUBE EP 90 API GL-4 | DATE : 06/01/2026 |
| BATCH NO. : SL/26-01/1944               | LAB.SR.NO. : 1244 |

| 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 | ....         | 4.0 Max.                | L2.0              |
| 4       | Density @29.5°C             | ASTM D-1298 | Kg/ml        | Report                  | 0.8748            |
| 5       | Kinematic Viscosity @ 40°C  | ASTM D-445  | cSt          | Report                  | 178.4             |
| 6       | Kinematic Viscosity @ 100°C | ASTM D-445  | cSt          | 17.00 Min. - 20.50 Max. | 19.22             |
| 7       | Viscosity Index             | ASTM D-2270 | ....         | Report                  | 123               |
| 8       | TAN, mg of KOH/gm.          | ASTM D-2896 | mg of KOH/gm | 1 Max.                  | 0.54              |
| 9       | Flash Point,COC             | ASTM D-92   | °C           | 210 Min.                | 228               |
| 10      | Pour Point                  | ASTM D-97   | °C           | -12 Max.                | -18               |

REMARK –SAMPLE PASS

TESTED BY: RAJANI MORE

APPROVED BY: SANDIP BHAYAJE

DISCLAIMER: THIS IS A COMPUTER-GENERATED REPORT AND DOES NOT REQUIRE A PHYSICAL SIGNATURE.

Regd.Office: Shelton Sapphire, 8TH Floor, 806-B, Plot No: 18-19, Sector-15,  
CBD Belapur, Navi Mumbai-400614, Maharashtra. India.  
L—022-27582828, Website-www.shieldlubricants.com