



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

**LABORATORY TEST REPORT**

PRODUCT NAME : SHIELD GEAR LUBE EP 90 API GL-4	DATE : 08/10/2025
BATCH NO. : SL/25-10/1293	LAB.SR .NO. : 842

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	0.8657
5	Kinematic Viscosity @ 40°C	ASTM D-445	cSt	Report	131.8
6	Kinematic Viscosity @ 100°C	ASTM D-445	cSt	17.00 Min. - 20.50 Max.	18.39
7	Viscosity Index	ASTM D-2270	....	Report	156
8	TAN, mg of KOH/gm.	ASTM D-2896	mg of KOH/gm	1 Max.	0.76
9	Flash Point, COC	ASTM D-92	°C	210 Min.	238
10	Pour Point	ASTM D-97	°C	-12 Max.	-21

REMARK –SAMPLE PASS

TESTED BY: ANIL JARHAD

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