



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

**LABORATORY TEST REPORT**

PRODUCT NAME : SHIELD GEAR LUBE EP 90 API GL-4	DATE : 15/09/2025
BATCH NO. : SL/25-09/1113	LAB.SR .NO. : 720

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.	L1.5
4	Density @ 29.5°C	ASTM D-1298	Kg/ml	Report	0.8655
5	Kinematic Viscosity @ 40°C	ASTM D-445	cSt	Report	139.3
6	Kinematic Viscosity @ 100°C	ASTM D-445	cSt	17.00 Min. - 20.50 Max.	19.34
7	Viscosity Index	ASTM D-2270	....	Report	158
8	TAN, mg of KOH/gm.	ASTM D-2896	mg of KOH/gm	1 Max.	0.69
9	Flash Point, COC	ASTM D-92	°C	210 Min.	230
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.

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