



Shield Lubricants & Specialities Pvt. Ltd.

LABORATORY TEST REPORT

PRODUCT NAME : GEAR LUBE EP 90 API GL-4	DATE : 12/05/2025
BATCH NO. : SL/25-05/240	LAB.SR .NO. : 165

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	0.8821
5	Kinematic Viscosity @ 40°C	ASTM D-445	cSt	Report	180.1
6	Kinematic Viscosity @ 100°C	ASTM D-445	cSt	17.00 Min. - 20.50 Max.	18.88
7	Viscosity Index	ASTM D-2270	....	Report	118
8	TAN, mg of KOH/gm.	ASTM D-2896	mg of KOH/gm	1 Max.	0.68
9	Flash Point,COC	ASTM D-92	°C	210 Min.	214
10	Pour Point	ASTM D-97	°C	-12 Max.	-21

REMARK –SAMPLE PASS

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