



Shield Lubricants & Specialities Pvt. Ltd.

LABORATORY TEST REPORT

PRODUCT NAME : SHIELD SESTINA GEAR EP 320 ISO VG 320	DATE : 21/04/2025
BATCH NO. : SL/25-04/148	LAB.SR.NO. – 077

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	....	L4.0 Max.	L2.5
4	Density @29.5°C	ASTM D-1298	Kg/ml	Report	0.8886
5	Kinematic Viscosity @ 40°C	ASTM D-445	cSt	305 Min. - 330 Max.	323.8
6	Kinematic Viscosity @ 100°C	ASTM D-445	cSt	Report	26.76
7	Viscosity Index	ASTM D-2270	....	90 Min.	109
8	Total Acid Number	ASTM D-974	MgKOH/gm	Report	0.58
9	Flash Point ,COC	ASTM D-92	°C	210 Min.	236
10	Pour Point	ASTM D-97	°C	-3 Min.	-6

REMARK: SAMPLE PASS

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

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