



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

**LABORATORY TEST REPORT**

<b>PRODUCT NAME : SHIELD SESTINA GEAR EP 460 ISO VG 460</b>	<b>DATE : 21/12/2020</b>
<b>BATCH NO : SL/20-12/1247</b>	<b>SR NO:567</b>

SR. NO.	TEST	TEST METHOD	UNIT	SPECIFICATION		BATCH TEST REPORT
				MINIMUM	MAXIMUM	
1	Appearance	Visual	....	Clear & Bright		Clear & Bright
2	Crackle Test	Visual	....	Nil		Nil
3	Colour	ASTM D-1500	....	L4.0 Max.		L3.0
4	Density @29.5°C	ASTM D-1298	Kg/m <sup>3</sup>	Reported		0.8959
5	Kinematic Viscosity @ 40°C	ASTM D-445	mm <sup>2</sup> /s	410	430	417.2
6	Kinematic Viscosity @ 100°C	ASTM D-445	mm <sup>2</sup> /s	Reported		29.95
7	Viscosity Index	ASTM D-2270	....	90		101
8	TAN, mg of KOH/gm	ASTM D-974	mg of KOH/gm		1	0.76
9	Flash Point, COC	ASTM D-92	°C	230		240
10	Pour Point	ASTM D-97	°C		-3	-9

**Remark: sample pass**

**Tested By: Anil Jarhad**

**Approved By: Sandip Bhayaje**