



LABORATORY TEST REPORT

PRODUCT NAME :SHIELD SESTINA GEAR EP 460 ISO VG 460	DATE : 17/08/2024
BATCH NO : SL/24-08/777	LAB.SR. NO: 562

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	0.8907
5	Kinematic Viscosity @ 40°C	ASTM D-445	cSt	410 - 430	428.2
6	Kinematic Viscosity @ 100°C	ASTM D-445	cSt	Report	29.44
7	Viscosity Index	ASTM D-2270	....	90 Min.	96
8	TAN, mg of KOH/gm	ASTM D-974	mg of KOH/gm	1 Max.	0.47
9	Flash Point, COC	ASTM D-92	°C	220 Min.	254
10	Pour Point	ASTM D-97	°C	-3 Max.	-6

REMARK: SAMPLE PASS

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