



**LABORATORY TEST REPORT**

PRODUCT NAME : SHIELD PROGEAR HD 85W140 API GL-5	DATE : 10/01/2021
BATCH NO : SL/21-01/1332	Lab Sr.No.-626

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>	To Be reported		0.8958
5	Kinematic Viscosity @ 100°C	ASTM D-445	mm <sup>2</sup> /s	27	31	27.78
6	Kinematic Viscosity @ 40°C	ASTM D-445	mm <sup>2</sup> /s	To Be reported		351.3
7	Viscosity Index	ASTM D-2270	....	90		106
8	TAN, mg of KOH/gm	ASTM D-974	mg of KOH/gm		1.50	1.39
9	Flash Point, COC	ASTM D-92	°C	230		240
10	Pour Point	ASTM D-97	°C		-9	-15

Remark: sample pass

Tested By: Anil Jarhad