



**LABORATORY TEST REPORT**

<b>PRODUCT NAME : SHIELD MONOGRADE ENGINE OIL SAE 30</b>	<b>DATE : 15/02/2021</b>
<b>BATCH. NO : SL/21-02/1544</b>	<b>LAB.SR.NO - 746</b>

SR. NO.	TEST	TEST METHOD	UNIT	SPECIFICATION		BATCH TEST REPORT
				MIN.	MAX.	
1	Appearance	Visual	....	Clear & Bright		Clear & Bright
2	Crackle Test	Visual	....	Nil		Nil
3	Colour	ASTM D-1500	....	L3.0 Max.		L2.0
4	Density @29.5°C	ASTM D-1298	Kg/m <sup>3</sup>	Reported		0.8841
5	Kinematic Viscosity @ 100°C	ASTM D-445	mm <sup>2</sup> /s	13.00	14.50	14.19
6	Kinematic Viscosity @ 40°C	ASTM D-445	mm <sup>2</sup> /s	Reported		131.1
7	Viscosity Index	ASTM D-2270	....	95		106
8	TBN, mg of KOH/gm	ASTM D-2896	mg of KOH/gm	2		4.49
9	Flash Point ,COC	ASTM D-92	°C	220		232
10	Pour Point	ASTM D-97	°C		-9	-12

Remark: sample pass

Tested By: Anil Jarhad