



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

**LABORATORY TEST REPORT**

<b>PRODUCT NAME :SHIELD PERFORMANCE 4T 20W40 API SL /JASO MA2</b>	<b>DATE : 27/12/2020</b>
<b>BATCH NO : SL/20-12/1274</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	....	Red		Red
4	Density @29.5°C	ASTM D-1298	Kg/m <sup>3</sup>	Reported		0.8810
5	Kinematic Viscosity @ 100°C	ASTM D-445	mm <sup>2</sup> /s	14.00	15.50	14.46
6	Kinematic Viscosity @ 40°C	ASTM D-445	mm <sup>2</sup> /s	Reported		119.6
7	Viscosity Index	ASTM D-2270	....	110		122
8	TBN, mg of KOH/gm	ASTM D-2896	mg of KOH/gm	6.20		6.33
9	Flash Point ,COC	ASTM D-92	°C	220		236
10	Pour Point	ASTM D-97	°C		-24	-27

**Remark: sample pass**

**Tested By: Anil Jarhad**