



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

**LABORATORY TEST REPORT**

<b>PRODUCT NAME :SHIELD PERFORMANCE FORMULA 4T 20W40API SM</b>	<b>DATE : 30/12/2020</b>
<b>BATCH NO : SL/20-12/1295</b>	<b>LAB.SR.NO-595</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		0.8846
5	Kinematic Viscosity @ 100°C	ASTM D-445	Cst	14.00	15.50	14.71
6	Kinematic Viscosity @ 40°C	ASTM D-445	Cst	Reported		128.0
7	Viscosity Index	ASTM D-2270	....	110		116
8	TBN, mg of KOH/gm	ASTM D-2896	mg of KOH/gm	7.5		7.70
9	Flash Point ,COC	ASTM D-92	°C	220		234
10	Pour Point	ASTM D-97	°C		-24	-24

**Remark: sample pass**

**Tested By: Anil Jahrad**

**Approved By: Sandip Bhayaje**