



Shield Lubricants & Specialities Pvt. Ltd.

LABORATORY TEST REPORT

PRODUCT NAME :SHIELD PERFORMANCE 4T 20W40 API SL /JASO MA2	DATE : 17/11/2020
BATCH NO : SL/20-11/1051	

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 ³	Reported		0.8719
5	Kinematic Viscosity @ 100°C	ASTM D-445	mm ² /s	14.00	15.50	14.50
6	Kinematic Viscosity @ 40°C	ASTM D-445	mm ² /s	Reported		123.2
7	Viscosity Index	ASTM D-2270	....	110		118
8	TBN, mg of KOH/gm	ASTM D-2896	mg of KOH/gm	6.20		6.64
9	Flash Point ,COC	ASTM D-92	°C	220		232
10	Pour Point	ASTM D-97	°C		-24	-24

Remark: sample pass

Tested By: Anil Jarhad