



**LABORATORY TEST REPORT**

PRODUCT NAME: SHIELD PERFORMANCE 4T SAE 20W40	DATE : 26/11/2018
BATCH NO: SL/18-11/768	

SR.NO	TEST	TEST METHOD	UNIT	SPECIFICATION		BATCH TEST REPORT
				Min	Max	
1	Appearance	Visual	-	Cl & Br	-	Cl & Br
2	Crackle test				Nil	Nil
3	Density @ 29.5°C	ASTM D 1298	Kg/m <sup>3</sup>	Report	-	0.8669
4	Colour	ASTM D 1500			Red	Red
5	Kinematic Viscosity @ 100°C	ASTM D 445	mm <sup>2</sup> /s	14	15.50	14.41
6	Kinematic Viscosity @ 40°C	ASTM D 445	mm <sup>2</sup> /s	Report		120.5
7	Viscosity Index	ASTM D 2270		110	-	120
8	Flash Point (COC)	ASTM D 92	deg.C	220		230
9	Pour Point	ASTM D 97	deg.C	-	-24	-24
10	Total Base Number	ASTM D2896	MgKOH/g	5.50		7.26

Remark: sample pass

Tested By: Sandip Bhayaje

Approved By: