



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

**LABORATORY TEST REPORT**

PRODUCT NAME: SHIELD PERFORMANCE 4T SAE 20W40	DATE : 10/10/2018
BATCH NO: SL/18-10/592	

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	-	0.8851
4	Colour	ASTM D 1500			Red	Red
5	Kinematic Viscosity @ 100°C	ASTM D 445	mm <sup>2</sup> /s	14	15.50	15.18
6	Kinematic Viscosity @ 40°C	ASTM D 445	mm <sup>2</sup> /s	Report		135.6
7	Viscosity Index	ASTM D 2270		110	-	114
8	Total Base Number	ASTM D2896	MgKOH/g	5.50		6.44

**Remark: sample pass**

**Tested By: Sandip Bhayaje**

**Approved By:**

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