



**LABORATORY TEST REPORT**

PRODUCT NAME:SHIELD PERFORMANCE TECH 4T 15W50 API SM	DATE : 04/06/2019
BATCH NO: SL/19-06/1498	

SR.NO	TEST	TEST METHOD	UNIT	SPECIFICATION		BATCH TEST REPORT
				Min	Max	
1	Appearance	Visual	-	Cl & Br	-	Cl & Br
2	Crackle test	Visual			Nil	Nil
3	Density @ 29.5°C	ASTM D 1298	Kg/m <sup>3</sup>	Report	-	0.8677
4	Colour	ASTM D 1500			L3.0	L1.5
5	Kinematic Viscosity @ 100°C	ASTM D 445	mm <sup>2</sup> /s	17.5	20.50	18.40
6	Kinematic Viscosity @ 40°C	ASTM D 445	mm <sup>2</sup> /s	Report		147.1
7	Viscosity Index	ASTM D 2270		130	-	145
8	Total Base Number	ASTM D2896	MgKOH/g	7		7.30

Remark: sample pass

Tested By: Sandip Bhayaje

Approved By: