



Shield Lubricants & Specialities Pvt. Ltd.

LABORATORY TEST REPORT

PRODUCT NAME : SHIELD PERFORMANCE TECH 4T 15W50 API SM	DATE : 03/01/2021
BATCH NO : SL/21-01/1311	LAB.SN.NO-609

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	....	L3.0 Max		L2.5
4	Density @29.5°C	ASTM D-1298	Kg/m ³	Reported		0.8601
5	Kinematic Viscosity @ 100°C	ASTM D-445	mm ² /s	17.50	20.50	19.46
6	Kinematic Viscosity @ 40°C	ASTM D-445	mm ² /s	Reported		156.6
7	Viscosity Index	ASTM D-2270	....	130		142
8	TBN, mg of KOH/gm	ASTM D-2896	mg of KOH/gm	7.50		7.64
9	Flash Point , COC	ASTM D-97	°C	220		232
10	Pour Point	ASTM D-92	°C		-24	-30

Remark: sample pass

Tested By: Sandip Bhayaje