



Shield Lubricants & Specialities Pvt. Ltd.

LABORATORY TEST REPORT

PRODUCT NAME : SHIELD PERFORMANCE FORMULA 4T 20W40 API SM	DATE : 09/01/2021
BATCH NO : SL/21-01/1347	LAB.SR.NO-624

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.		L2.0
4	Density @29.5°C	ASTM D-1298	Kg/m ³	Reported		0.8876
5	Kinematic Viscosity @ 100°C	ASTM D-445	Cst	14.00	15.50	15.17
6	Kinematic Viscosity @ 40°C	ASTM D-445	Cst	Reported		140.1
7	Viscosity Index	ASTM D-2270	....	110		110
8	TBN, mg of KOH/gm	ASTM D-2896	mg of KOH/gm	7.5		7.65
9	Flash Point ,COC	ASTM D-92	°C	220		234
10	Pour Point	ASTM D-97	°C		-24	-27

Remark: sample pass

Tested By: Anil Jahrad

Approved By: Sandip Bhayaje