



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

**LABORATORY TEST REPORT**

PRODUCT NAME :SHIELD PERFORMANCE FORMULA 4T 20W40 API SM	DATE : 31/03/2022
BATCH NO. : SL/22-03/2092	LAB.SR.NO. – 1379

SR. NO.	TEST	TEST METHOD	UNIT	SPECIFICATION	BATCH TEST REPORT
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/ml	Reported	0.8810
5	Kinematic Viscosity @ 100°C	ASTM D-445	cST	14.00 Min. - 15.50 Max.	14.86
6	Kinematic Viscosity @ 40°C	ASTM D-445	cST	Reported	133.6
7	Viscosity Index	ASTM D-2270	....	110 Min.	112
8	TBN, mg of KOH/gm	ASTM D-2896	mg of KOH/gm	6.20 Min.	6.31
9	Flash Point ,COC	ASTM D-92	°C	220 Min.	222
10	Pour Point	ASTM D-97	°C	-33 Max.	-33

REMARK: SAMPLE PASS

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