



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

**LABORATORY TEST REPORT**

PRODUCT NAME :SHIELD PERFORMANCE FORMULA 4T 10W30 API SM	DATE : 08/01/2022
BATCH NO : SL/22-01/1574	SR NO : 962

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	0.8564
5	Kinematic Viscosity @ 100°C	ASTM D-445	cST	10.50 Min. - 12.50 Max.	12.28
6	Kinematic Viscosity @ 40°C	ASTM D-445	cST	Reported	84.76
7	Viscosity Index	ASTM D-2270	....	135 Min.	140
8	TBN, mg of KOH/gm	ASTM D-2896	mg of KOH/gm	7.5 Min.	8.23
9	Flash Point,COC	ASTM D-92	°C	220 Min.	220
10	Pour Point	ASTM D-97	°C	-33 Max.	-33

REMARK: SAMPLE PASS

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