



Shield Lubricants & Specialities Pvt. Ltd.

LABORATORY TEST REPORT

PRODUCT. NAME. :SHIELD PERFORMANCE FORMULA 4T 10W30 API SM	DATE : 11/01/2022
BATCH. NO. : SL/22-01/1602	SR.NO. : 978

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	....	L4.0 Max.	L1.0
4	Density @29.5°C	ASTM D-1298	Kg/ml	Reported	0.8573
5	Kinematic Viscosity @ 100°C	ASTM D-445	cST	10.50 Min. - 12.50 Max.	11.14
6	Kinematic Viscosity @ 40°C	ASTM D-445	cST	Reported	73.85
7	Viscosity Index	ASTM D-2270	....	130 Min.	141
8	TBN, mg of KOH/gm	ASTM D-2896	mg of KOH/gm	6.20 Min.	7.14
9	Flash Point,COC	ASTM D-92	°C	200 Min.	214
10	Pour Point	ASTM D-97	°C	-33 Max.	-33

Remark: sample pass

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