



Shield Lubricants & Specialities Pvt. Ltd.

LABORATORY TEST REPORT

PRODUCT. NAME.: PROTECTOR 4T SAE 10W30 API SL	DATE : 11/05/2025
BATCH. NO. : SL/25-05/253	LAB.SR.NO. : 159

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.	L1.5
4	Density @29.5°C	ASTM D-1298	Kg/ml	Report	0.8479
5	Kinematic Viscosity @ 100°C	ASTM D-445	cSt	10.50 Min. - 12.50 Max.	11.16
6	Kinematic Viscosity @ 40°C	ASTM D-445	cSt	Report	71.90
7	Viscosity Index	ASTM D-2270	....	130 Min.	147
8	TBN, mg of KOH/gm	ASTM D-2896	mg of KOH/gm	4 Min.	4.68
9	Flash Point,COC	ASTM D-92	°C	190 Min.	218
10	Pour Point	ASTM D-97	°C	-27 Max.	-30

REMARK: SAMPLE PASS

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