



Shield Lubricants & Specialities Pvt. Ltd.

LABORATORY TEST REPORT

PRODUCT NAME : PROTECTOR 4T SAE 20W40 API SL (RED)	DATE : 01/07/2025
BATCH NO : SL/25-07/588	LAB.SR.NO. – 381

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	....	Red	Red
4	Density @29.5°C	ASTM D-1298	Kg/ml	Report	0.8666
5	Kinematic Viscosity @ 100°C	ASTM D-445	cSt	14.00 Min. - 15.50 Max.	14.97
6	Kinematic Viscosity @ 40°C	ASTM D-445	cSt	Report	103.5
7	Viscosity Index	ASTM D-2270	....	Report	151
8	TBN, mg of KOH/gm	ASTM D-2896	mg of KOH/gm	Report	5.24
9	Pour Point	ASTM D97	°C	-24 Max.	-30
10	Flash Point, COC	ASTM D92	°C	210 Min.	212

REMARK – SAMPLE PASS

PREPARED BY: ANIL JARHAD

APPROVED BY: SANDIP BHAYAJE

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Regd.Office: Shelton Sapphire, 8TH Floor, 806-B, Plot No: 18-19, Sector-15,
CBD Belapur, Navi Mumbai-400614, Maharashtra. India.
L—022-27582828, Website-www.shieldlubricants.com