



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

**LABORATORY TEST REPORT**

PRODUCT NAME :SHIELD PERFORMANCE FORMULA 4T 20W40 API SM	DATE : 06/12/2025
BATCH NO : SL/25-12/1706	LAB.SR.NO. – 1098

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	0.8763
5	Kinematic Viscosity @ 100°C	ASTM D-445	cSt	14.00 Min. - 15.50 Max.	15.40
6	Kinematic Viscosity @ 40°C	ASTM D-445	cSt	Report	136.1
7	Viscosity Index	ASTM D-2270	....	110 Min.	117
8	TBN, mg of KOH/gm	ASTM D-2896	mg of KOH/gm	6.00 Min.	6.50
9	Pour Point	ASTM D97	°C	-24 Max.	-30
10	Flash Point, COC	ASTM D92	°C	210 Min.	232

REMARK – SAMPLE PASS

TESTED BY: ANIL JARHAD

APPROVED BY: SANDIP BHAYAJE

DISCLAIMER: THIS IS A COMPUTER-GENERATED REPORT AND DOES NOT REQUIRE A PHYSICAL SIGNATURE.

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