



Shield Lubricants & Specialities Pvt. Ltd.

LABORATORY TEST REPORT

PRODUCT NAME : MOTOR PREMIUM 5W30 API SN-CF	DATE : 04/12/2024
BATCH NO. : SL/24-12/1474	LAB.SR.NO. : 1004

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	0.8435
5	Kinematic Viscosity @ 100°C	ASTM D-445	cSt	10.50 Min. - 12.50 Max.	11.40
6	Kinematic Viscosity @ 40°C	ASTM D-445	cSt	Report	69.73
7	Viscosity Index	ASTM D-2270	....	130 Min.	157
8	TBN, mg of KOH/gm	ASTM D-2896	mg of KOH/gm	7.5 Min.	8.06
9	Flash Point , COC	ASTM D-92	°C	190 Min.	212
10	Pour Point	ASTM D-97	°C	Report	-33

REMARK – SAMPLE PASS

PREPARED BY: ANIL JARHAD

APPROVED BY: SANDIP BHAYAYE

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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