



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

## LABORATORY TEST REPORT

PRODUCT NAME : SHIELD MOTOR FUSION SYNTH 5W30 API SN	DATE : 30/11/2024
BATCH NO. : SL/24-11/1448	LAB.SR.NO. : 981

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	0.8439
5	Kinematic Viscosity @ 100°C	ASTM D-445	cSt	10.50 Min. - 12.50 Max.	12.30
6	Kinematic Viscosity @ 40°C	ASTM D-445	cSt	Report	75.40
7	Viscosity Index	ASTM D-2270	....	140 Min.	161
8	TBN, mg of KOH/gm	ASTM D-2896	mg of KOH/gm	6.0 Min.	6.95
9	Flash Point , COC	ASTM D-92	°C	190 Min.	206
10	Pour Point	ASTM D-97	°C	-33 Max.	-36

REMARK – SAMPLE PASS

PREPARED BY: ANIL JARHAD

APPROVED BY: SANDIP BHAYAJE

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