



LABORATORY TEST REPORT

PRODUCT NAME : SHIELD MOTOR FUSION SYNTH 5W30 API SP	DATE : 28/12/2025
BATCH NO. : SL/25-12/1867	LAB.SR.NO. : 1210

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	0.8317
5	Kinematic Viscosity @ 100°C	ASTM D-445	cSt	10.50 Min. - 12.50 Max.	12.24
6	Kinematic Viscosity @ 40°C	ASTM D-445	cSt	Report	72.00
7	Viscosity Index	ASTM D-2270	....	140 Min.	169
8	TBN, mg of KOH/gm	ASTM D-2896	mg of KOH/gm	7.5 Min.	8.75
9	Flash Point , COC	ASTM D-92	°C	190 Min.	224
10	Pour Point	ASTM D-97	°C	-33 Max.	-36

REMARK – SAMPLE PASS

PREPARED BY: ANIL JARHAD

APPROVED BY: SANDIP BHAYAJE

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