



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

**LABORATORY TEST REPORT**

PRODUCT NAME :SHIELD MOTOR FUSION SYNTH 5W30 API SN	DATE :25/12/2021
BATCH NO : SL/21-12/1361	SR NO: 896

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	....	Reported	L1.0
4	Density @29.5°C	ASTM D-1298	Kg/L	Reported	0.8414
5	Kinematic Viscosity @ 100°C	ASTM D-445	cST	10.50 Min. - 11.50 Max.	11.45
6	Kinematic Viscosity @ 40°C	ASTM D-445	cST	Reported	71.74
7	Viscosity Index	ASTM D-2270	....	150 Min.	153
8	TBN, mg of KOH/gm	ASTM D-2896	mg of KOH/gm	6.60 Min.	8.45
9	Flash Point , COC	ASTM D-92	°C	200 Min.	212
10	Pour Point	ASTM D-97	°C	-33 Max.	-33
11	Foaming, Tendency/Stability.	ASTM D 892			
	Sequence I at 24±0.5°C		ml	0/0 Max.	0/0
	Sequence II at 93.5±0.5°C		ml	10/0 Max.	0/0
	Sequence III at 24±0.5°C		ml	0/0 MAX.	0/0

REMARK: SAMPLE PASS

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