



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

## LABORATORY TEST REPORT

PRODUCT NAME :SHIELD MOTOR ENERGY 20W50 API SL	DATE : 12/06/2025
BATCH NO. : SL/25-06/439	LAB.SR.NO. – 296

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	0.8812
5	Kinematic Viscosity @ 100°C	ASTM D-445	cSt	17.50 Min. - 20.50 Max.	19.09
6	Kinematic Viscosity @ 40°C C	ASTM D-445	cSt	Report	178.8
7	Viscosity Index	ASTM D-2270	....	Report	121
8	TBN, mg of KOH/gm	ASTM D-2896	mg of KOH/gm	6.0 Min.	6.20
9	Flash Point,COC	ASTM D-92	°C	210 Min.	228
10	Pour Point	ASTM D-97	°C	-24 Max.	-27

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

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