



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

## LABORATORY TEST REPORT

PRODUCT NAME :SHIELD MOTOR ENERGY 20W50 API SL	DATE : 26/07/2025
BATCH NO. : SL/25-07/644	LAB.SR.NO. – 491

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	....	L4.0Max.	L1.5
4	Density @29.5°C	ASTM D-1298	Kg/ml	Report	0.8685
5	Kinematic Viscosity @ 100°C	ASTM D-445	cSt	17.50 Min. - 20.50 Max.	18.89
6	Kinematic Viscosity @ 40°C C	ASTM D-445	cSt	Report	172.6
7	Viscosity Index	ASTM D-2270	....	Report	124
8	TBN, mg of KOH/gm	ASTM D-2896	mg of KOH/gm	6.0 Min.	6.21
9	Flash Point,COC	ASTM D-92	°C	210 Min.	224
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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