



LABORATORY TEST REPORT

PRODUCT NAME :SHIELDMOTOR ENERGY 20W50 API SL GOLDEN	DATE : 02/05/2026
BATCH NO. : SL/26-05/135	LAB.SR.NO. – 098

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.	L 2.5
4	Density @29.5°C	ASTM D-1298	Kg/ml	Report	0.8771
5	Kinematic Viscosity @ 100°C	ASTM D-445	cSt	17.50 Min. - 20.50 Max.	19.37
6	Kinematic Viscosity @ 40°C C	ASTM D-445	cSt	Report	180.3
7	Viscosity Index	ASTM D-2270	....	115 Min.	123
8	TBN, mg of KOH/gm	ASTM D-2896	mg of KOH/gm	6.0 Min.	7.87
9	Flash Point,COC	ASTM D-92	°C	210 Min.	234
10	Pour Point	ASTM D-97	°C	-24 Max.	-27

REMARK: SAMPLE PASS

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