



LABORATORY TEST REPORT

PRODUCT NAME: SHIELD FLEET POWER SYNERGY 20W40 API CH4	DATE : 14/09/2025
BATCH NO : SL/25-09/1103	LAB.SR.NO. – 713

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.	L2.0
4	Density @29.5°C	ASTM D-1298	Kg/ml	Report	0.8495
5	Kinematic Viscosity @ 100°C	ASTM D-445	cSt	14.00 Min. - 15.50 Max.	14.60
6	Kinematic Viscosity @ 40°C	ASTM D-445	cSt	Report	96.11
7	Viscosity Index	ASTM D-2270	....	110 Min.	158
8	TBN, mg of KOH/gm	ASTM D-2896	mg of KOH/gm	9.5 Min.	9.65
9	Flash Point ,COC	ASTM D-92	°C	200 Min.	216
10	Pour Point	ASTM D-97	°C	- 24 Max.	-24

REMARK: SAMPLE PASS

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