



LABORATORY TEST REPORT

PRODUCT NAME :SHIELD CNG POWER SAE 20W-50 API SF-CD	DATE : 25/11/2025
BATCH NO : SL/25-11/1666	LAB.SR.NO. – 1045

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.	L1.0
4	Density @29.5°C	ASTM D-1298	Kg/ml	Report	0.8411
5	Kinematic Viscosity @ 100°C	ASTM D-445	cSt	17.50 Min. - 20.50 Max.	17.69
6	Kinematic Viscosity @ 40°C C	ASTM D-445	cSt	Report	120.2
7	Viscosity Index	ASTM D-2270	....	115 Min.	163
8	TBN, mg of KOH/gm	ASTM D-2896	mg of KOH/gm	4.50 Min.	6.31
9	Flash Point,COC	ASTM D-92	°C	210 Min.	218
10	Pour Point	ASTM D-97	°C	- 24 Max.	-27

REMARK: SAMPLE PASS

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