



Shield Lubricants & Specialities Pvt. Ltd.

LABORATORY TEST REPORT

PRODUCT NAME : SHIELD CNG POWER SAE 20W50 API SF/CD	DATE : 09/12/2020
BATCH NO : SL/20-12/1193	LAB.SR.NO- 529

SR. NO.	TEST	TEST METHOD	UNIT	SPECIFICATION		BATCH TEST REPORT
				MINIMUM	MAXIMUM	
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/m ³	Reported		0.8801
5	Kinematic Viscosity @ 100°C	ASTM D-445	mm ² /s	17.50	20.50	18.51
6	Kinematic Viscosity @ 40°C C	ASTM D-445	mm ² /s	Reported		162.7
7	Viscosity Index	ASTM D-2270	....	115		128
8	TBN, mg of KOH/gm	ASTM D-2896	mg of KOH/gm	8.00		8.48
9	Flash Point,COC	ASTM D-92	°C	220		234
10	Pour Point	ASTM D-97	°C		-24	-27

Remark: sample pass

Tested By: Sandip Bhayaje