



**LABORATORY TEST REPORT**

PRODUCT NAME :SHIELD MULTIGRADE 20W40 API CC/SC	DATE : 24/12/22020
BATCH NO : SL/20-12/1264(GOLDEN)	LAB.SR.NO-574

SR. NO.	TEST	TEST METHOD	UNIT	SPECIFICATION		BATCH TEST REPORT
				MIN.	MAX.	
1	Appearance	Visual	....	Clear & Bright		Clear & Bright
2	Crackle Test	Visual	....	Nil		Nil
3	Colour	ASTM D-1500	....	L3.0 Max.		L2.0
4	Density @29.5°C	ASTM D-1298	Kg/m <sup>3</sup>	Reported		0.8823
5	Kinematic Viscosity @ 100°C	ASTM D-445	mm <sup>2</sup> /s	13.00	14.50	14.38
6	Kinematic Viscosity @ 40°C	ASTM D-445	mm <sup>2</sup> /s	Reported		130.8
7	Viscosity Index	ASTM D-2270	....	95		109
8	TBN, mg of KOH/gm	ASTM D-2896	mg of KOH/gm	2		3.09
9	Flash Point ,COC	ASTM D-92	°C	220		234
10	Pour Point	ASTM D-97	°C		-9	-12

Remark: sample pass

Tested By: Anil Jarhad

Approved By: Sandip Bhayaje