



LABORATORY TEST REPORT

PRODUCT NAME :SHIELD MULTIGRADE 20W40 API CC/SC	DATE : 11/01/2021
BATCH. NO : SL/21-01/1341	LAB.SR.NO -632

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	....	Red		Red
4	Density @29.5°C	ASTM D-1298	Kg/m ³	Reported		0.8826
5	Kinematic Viscosity @ 100°C	ASTM D-445	mm ² /s	13.00	14.50	14.43
6	Kinematic Viscosity @ 40°C	ASTM D-445	mm ² /s	Reported		130.9
7	Viscosity Index	ASTM D-2270	....	95		109
8	TBN, mg of KOH/gm	ASTM D-2896	mg of KOH/gm	2		3.96
9	Flash Point ,COC	ASTM D-92	°C	220		238
10	Pour Point	ASTM D-97	°C		-9	-12

Remark: sample pass

Tested By: Anil Jarhad