



Shield Lubricants & Specialities Pvt. Ltd.

LABORATORY TEST REPORT

PRODUCT NAME : SHIELD MULTIGRADE 20W40 API CC/SC	DATE : 02/06/2019
BATCH NO : SL/19-06/1496	

SR. NO.	TEST	TEST METHOD	UNIT	SPECIFICATION		BATCH TEST REPORT
				MINIMUM	MAXIMUM	
1	Appearance	Visual	....	Cl & Br		Cl. & Br.
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		0.8795
5	Kin Visc.@100°C	ASTM D-445	mm ² /s	13.00	14.50	14.36
6	Kin Visc.@40°C	ASTM D-445	mm ² /s	Reported		126.8
7	Viscosity Index	ASTM D-2270	....	95		113
8	TBN, mg of KOH/gm	ASTM D-2896	mg of KOH/gm	2		2.36
9	Flash Point	ASTM D92	°C	220		236
10	Pour Point	ASTM D97	°C		-9	-15

Remark: sample pass

Tested By: Sandip Bhayaje

Approved By: