



Shield Lubricants & Specialities Pvt. Ltd.

LABORATORY TEST REPORT

PRODUCT NAME : SHIELD MOTOR ENERGY 20W50	DATE : 27/05/2019
BATCH NO : SL/19-05/1467(GOLDEN)	

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	....	L3.0		L2.5
4	Density @29.5°C	ASTM D-1298	Kg/m ³	Reported		0.8815
5	Kin Visc.@100°C	ASTM D-445	mm ² /s	17.50	20.50	18.30
6	Kin Visc.@40°C	ASTM D-445	mm ² /s	Reported		160.9
7	Viscosity Index	ASTM D-2270	....	120		127
8	TBN, mg of KOH/gm	ASTM D-2896	mg of KOH/gm	7		7.98

Remark: sample pass

Tested By: Sandip Bhayaje

Approved By: