



Shield Lubricants & Specialities Pvt. Ltd.

LABORATORY TEST REPORT

PRODUCT NAME : SHIELD MOTOR ENERGY 20W50	DATE : 20/04/17
BATCH NO : SL/17-04/19	

SR. NO.	TEST PARAMETER	TEST METHOD	CUSTOMER SPECIFICATION		BATCH RESULT
			MINIMUM	MAXIMUM	
1	Appearance	Visual	Clear & Bright Red Oil		Cl. & Br.
2	Crackle Test	In-House	NIL		Nil
3	Colour	ASTM D-1500	Match with Standard		Red
4	Density @29.5°C	ASTM D-1298	To Be reported		0.8822
5	Kin Visc.@100°C	ASTM D-445	17.5	20.5	17.86
6	Kin Visc.@40°C	ASTM D-445	To Be reported		161.5
7	Viscosity Index	ASTM D-2270	120 Minimum		122
8	Flash Point, °C, COC	ASTM D-92	220(T)		228
9	Pour Point, °C	ASTM D-97	-24 Maximum		-24
10	TBN, mg of KOH/gm	ASTM D-2896	6.0 Minimum		7.12

Tested By: *Sandip*