



**Shield Lubricants & Specialities Pvt. Ltd.**

## LABORATORY TEST REPORT

PRODUCT NAME : SHIELD MULTIGRADE OIL 20W40	DATE : 26/04/17
BATCH NO : SL/17-04/58	

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		0.8803
5	Kin Visc.@100°C	ASTM D-445	13	14.5	13.70
6	Kin Visc.@40°C	ASTM D-445	To Be reported		119.8
7	Viscosity Index	ASTM D-2270	95 Minimum		111
8	Flash Point, °C, COC	ASTM D-92	230(T)		240
9	Pour Point, °C	ASTM D-97	-9 Maximum		-9
10	TBN, mg of KOH/gm	ASTM D-2896	2 Minimum		3.20

Tested By: *Sandip*