



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

## LABORATORY TEST REPORT

PRODUCT NAME : SHIELD PERFORMANCE FORMULA 4T 20W40	DATE : 21/05/17
BATCH NO : SL/17-05/115	

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		0.8839
5	Kin Visc.@100°C	ASTM D-445	14	15.5	15.46
6	Kin Visc.@40°C	ASTM D-445	To Be reported		144.2
7	Viscosity Index	ASTM D-2270	110 Minimum		110
8	Flash Point, °C, COC	ASTM D-92	220(T)		234
9	Pour Point, °C	ASTM D-97	-24 Maximum		-24
10	TBN, mg of KOH/gm	ASTM D-2896	6.0 Minimum		7.50

Tested By: *Sandip*