



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

**LABORATORY TEST REPORT**

PRODUCT NAME : SHIELD PERFORMANCE FORMULA 4T 10W30	DATE : 21/04/2019
BATCH NO : SL/19-04/1283	

SR. NO.	TEST	TEST METHOD	UNIT	SPECIFICATION		BATCH TEST REPORT
				MINIMUM	MAXIMUM	
1	Appearance	Visual	....	Clear & Bright		Cl. & Br.
2	Crackle Test	Visual	....	Nil		Nil
3	Colour	ASTM D-1500	....	L3.0		L205
4	Density @29.5°C	ASTM D-1298	Kg/m <sup>3</sup>	Reported		0.8673
5	Kin Visc.@100°C	ASTM D-445	mm <sup>2</sup> /s	10.50	12.50	11.54
6	Kin Visc.@40°C	ASTM D-445	mm <sup>2</sup> /s	Reported		76.13
7	Viscosity Index	ASTM D-2270	....	135		144
8	TBN, mg of KOH/gm	ASTM D-2896	mg of KOH/gm	7		7.54
9	Pour Point	ASTM D97	Deg.C	210		228
10	Flash Point	ASTM D92	Deg.C		-27	<-30

Remark: sample pass

Tested By: Sandip Bhayaje

Approved By: