



Shield Lubricants & Specialities Pvt. Ltd.

LABORATORY TEST REPORT

PRODUCT NAME : SHIELD MOTOR POWER 15W40 API CI-4 PLUS	DATE : 10/01/2021
BATCH. NO : SL/21-01/1323	SR NO:627

SR. NO.	TEST	TEST METHOD	UNIT	SPECIFICATION		BATCH TEST REPORT
				MINIMUM	MAXIMUM	
1	Appearance	Visual	....	Clear & Bright		Clear & Bright
2	Crackle Test	Visual	....	Nil		Nil
3	Colour	ASTM D-1500	....	L4.0 Max.		L3.5
4	Density @29.5°C	ASTM D-1298	Kg/m ³	Reported		0.8630
5	Kinematic Viscosity @100°C	ASTM D-445	mm ² /s	14.00	15.50	14.58
6	Kinematic Viscosity @ 40°C	ASTM D-445	mm ² /s	Reported		104.0
7	Viscosity Index	ASTM D-2270	....	135		144
8	TBN, mg of KOH/gm	ASTM D-2896	mg of KOH/gm	10.50		10.79
9	Flash Point, COC	ASTM D-92	°C	220		226
10	Pour Point	ASTM D-97	°C		-27	-33

Remark: sample pass

Tested By: Sandip Bhayaje