



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

**LABORATORY TEST REPORT**

<b>PRODUCT NAME :SHIELD MOTOR CRESOL SYNTH 10W40 API SN</b>	<b>DATE : 20/12/2020</b>
<b>BATCH NO : SL/20-12/1248</b>	<b>LAB SR NO-564</b>

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	....	Reported		L1.5
4	Density @29.5°C	ASTM D-1298	Kg/m <sup>3</sup>	Reported		0.8402
5	Kinematic Viscosity @ 100°C	ASTM D-445	Cst	13.80	15.00	14.33
6	Kinematic Viscosity @ 40°C	ASTM D-445	Cst	Reported		91.19
7	Viscosity Index	ASTM D-2270	....	150		163
8	TBN, mg of KOH/gm	ASTM D-2896	mg of KOH/gm	6.50		6.70
9	Flash Point ,COC	ASTM D-92	°C	200		228
10	Pour Point	ASTM D-97	°C		-30	-33

**Remark: sample pass**

**Tested By: Anil Jarhad**

**Approved By: Sandip Bhayaje**