



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

**LABORATORY TEST REPORT**

PRODUCT NAME : SHIELD PROGEAR EP 80W90 API GL-4	DATE : 05/03/2020
BATCH NO : SL/20-03/3003	

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.		L2.0
4	Density @29.5°C	ASTM D-1298	Kg/m <sup>3</sup>	To Be reported		0.8871
5	Kinematic Viscosity @ 100°C	ASTM D-445	mm <sup>2</sup> /s	14.00	15.50	14.72
6	Kinematic Viscosity @ 40°C	ASTM D-445	mm <sup>2</sup> /s	To Be reported		159.9
7	Viscosity Index	ASTM D-2270	....	90		95
8	TAN, mg of KOH/gm	ASTM D-974	mg of KOH/gm		1	0.52
9	Flash Point, COC	ASTM D-92	°C	210		232
10	Pour Point	ASTM D-97	°C		-21	-24

Remark: sample pass

Tested By: Sandip Bhayaje

Approved By:

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