



Shield Lubricants & Specialities Pvt. Ltd.

LABORATORY TEST REPORT

PRODUCT NAME :SHIELD PROGEAR EP 90 API GL-4	DATE : 23/08/2020
BATCH NO : SL/20-08/460	

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	....	4.0 MAX.		L2.0
4	Density @29.5°C	ASTM D-1298	Kg/m ³	Reported		0.8900
5	Kinematic Viscosity @ 40°C	ASTM D-445	mm ² /s	Reported		209.7
6	Kinematic Viscosity @ 100°C	ASTM D-445	mm ² /s	17.00	19.50	18.29
7	Viscosity Index	ASTM D-2270	....	90		96
8	TAN, mg of KOH/gm	ASTM D-2896	mg of KOH/gm		1	0.78
9	Flash Point, COC	ASTM D-92	°C	220		240
10	Pour Point	ASTM D-97	°C		-12	-12

Remark: sample pass

Tested By: Anil jarhad