



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

## LABORATORY TEST REPORT

PRODUCT NAME : SHIELD PROGEAR EP 80W90 API GL-4	DATE : 20/08/2021
BATCH NO : SL/21-08/589	LAB.SR.NO- 370

SR. NO.	TEST	TEST METHOD	UNIT	SPECIFICATION	BATCH TEST REPORT
1	Appearance	Visual	....	Clear & Bright	Clear & Bright
2	Crackle Test	Visual	....	Nil	Nil
3	Colour	ASTM D-1500	....	L4.0 Max.	L2.5
4	Density @29.5°C	ASTM D-1298	Kg/L	Reported	0.8787
5	Kinematic Viscosity @ 100°C	ASTM D-445	cST	14.00 Min. - 15.50 Max.	15.18
6	Kinematic Viscosity @ 40°C	ASTM D-445	cST	Reported	127.0
7	Viscosity Index	ASTM D-2270	....	90 Min.	123
8	TAN, mg of KOH/gm	ASTM D-974	mg of KOH/gm	1 Max.	0.79
9	Flash Point, COC	ASTM D-92	°C	200 Min.	210
10	Pour Point	ASTM D-97	°C	-21 Min.	-21

REMARK: SAMPLE PASS

PREPARED BY: ANIL JARHAD

APPROVED BY: SANDIP BHAYAJE