



Shield Lubricants & Specialities Pvt. Ltd.

LABORATORY TEST REPORT

PRODUCT NAME : SHIELD GEARLUBE EP 220	DATE : 07/03/2020
BATCH NO : SL/20-03/3012	

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.		L3.0
4	Density @29.5°C	ASTM D-1298	Kg/m ³	Reported		0.8798
5	Kinematic Viscosity @ 40°C	ASTM D-445	mm ² /s	205	230	216.7
6	Kinematic Viscosity @ 100°C	ASTM D-445	mm ² /s	Reported		21.28
7	Viscosity Index	ASTM D-2270	....	90		117
8	Total Acid Number	ASTM D-974	MgKOH/g		0.80	0.52
9	Flash Point , COC	ASTM D-92	Deg.C	230		236
10	Pour Point	ASTM D-97	Deg.C		-3	-9

Remark: sample pass

Tested By: Sandip Bhayaje

Approved By: