



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

**LABORATORY TEST REPORT**

PRODUCT NAME :SHIELD PERFORMANCE FORMULA 4T 20W40 API SM	DATE : 20/07/2021
BATCH NO : SL/21-07/394	LAB.SR.NO -269

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	....	Red	Red
4	Density @29.5°C	ASTM D-1298	Kg/L	Reported	0.8870
5	Kinematic Viscosity @ 100°C	ASTM D-445	cST	14.00 Min. - 15.50 Max.	15.27
6	Kinematic Viscosity @ 40°C	ASTM D-445	cST	Reported	136.1
7	Viscosity Index	ASTM D-2270	....	110 Min.	115
8	TBN, mg of KOH/gm	ASTM D-2896	mg of KOH/gm	7.5 Min.	8.13
9	Pour Point	ASTM D97	°C	-33 Max.	-24
10	Flash Point, COC	ASTM D92	°C	220 Min.	230

**REMARK: SAMPLE PASS**

**TESTED BY: ANIL JARHAD**

**APPROVED BY: SANDIP BHAYAJE**