



LABORATORY TEST REPORT

PRODUCT NAME :SHIELD PERFORMANCE 4T 20W40 API SL	DATE :29/10/2022
BATCH NO : SL/22-10/966	LAB.SR.NO. – 1049

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/ml	Reported	0.8663
5	Kinematic Viscosity @ 100°C	ASTM D-445	cSt	14.00 Min. - 15.50 Max.	15.30
6	Kinematic Viscosity @ 40°C	ASTM D-445	cSt	Reported	121.5
7	Viscosity Index	ASTM D-2270	....	110 Min.	131
8	TBN, mg of KOH/gm	ASTM D-2896	mg of KOH/gm	6.20 Min.	6.38
9	Pour Point	ASTM D97	°C	-24 Max.	-36
10	Flash Point, COC	ASTM D92	°C	210 Min.	228

REMARK – SAMPLE PASS

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