



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

**LABORATORY TEST REPORT**

PRODUCT NAME : CAR ENGINE OIL 0W20 API SP	DATE : 15/10/2024
BATCH NO. : SL/24-10/1148	LAB.SR NO. : 774

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.	L2.0
4	Density @29.5°C	ASTM D-1298	Kg/ml	Report	0.8450
5	Kinematic Viscosity @ 100°C	ASTM D-445	cSt	7.30 Min. - 9.30 Max.	9.22
6	Kinematic Viscosity @ 40°C	ASTM D-445	cSt	Report	54.43
7	Viscosity Index	ASTM D-2270	....	150 Min.	151
8	TBN, mg of KOH/gm	ASTM D-2896	mg of KOH/gm	6.0 Min.	7.46
9	Flash Point , COC	ASTM D-92	°C	190 Min.	204
10	Pour Point	ASTM D-97	°C	-33 Max.	-33

REMARK: SAMPLE PASS

TESTED BY: ANIL JARHAD

APPROVED BY: SANDIP BHAYAJE

DISCLAIMER: THIS IS A COMPUTER-GENERATED REPORT AND DOES NOT REQUIRE A PHYSICAL SIGNATURE.

Regd.Office: Shelton Sapphire, 8TH Floor, 806-B, Plot No: 18-19, Sector-15,  
CBD Belapur, Navi Mumbai-400614, Maharashtra. India.  
L—022-27582828, Website-www.shieldlubricants.com