



Shield Lubricants & Specialities Pvt. Ltd.

CERTIFICATE OF ANALYSIS

PRODUCT NAME : AXLE OIL 80W90 API GL-5	DATE : 30/12/2024
BATCH NO. : SL/24-12/1659	LAB.SR.NO.: 1125

Sr. No.	Tests	Units	Method	Minimum	Maximum	Test Results
1	Appearance	....	Visual	Clear & Bright		Clear & Bright
2	Crackle Test	....	Visual	Nil		Nil
3	Density @ 29.5°C	Kg/ml	ASTM D1298	Report		0.8920
4	Colour	....	ASTM D1500		L4.0	L2.5
5	Kinematic, Viscosity @ 40°C	cSt	ASTM D445	Report		162.9
6	Kinematic, Viscosity @ 100°C	cSt	ASTM D445	14	15.5	15.46
7	Viscosity Index	....	ASTM D2270	90		95
8	Total Acid Number, TAN	mg KOH/g	ASTM D974	Report		0.98
9	Flash Point, COC	°C	ASTM D92	180		222
10	Pour Point	°C	ASTM D97	Report		-27

REMARK: SAMPLE PASS

TESTED BY: ANIL JARHAD

APPROVED BY: SANDIP BHAYAJE

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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