



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

**CERTIFICATE OF ANALYSIS**

PRODUCT NAME : AXLE OIL 80W90 API GL-5	DATE : 10/05/2025
BATCH NO. : SL/25-05/236	LAB.SR.NO.: 154

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		0.8913
4	Colour	....	ASTM D1500		L4.0	L2.5
5	Kinematic,Viscosity @ 40°C	cSt	ASTM D445	Report		153.1
6	Kinematic,Viscosity @ 100°C	cSt	ASTM D445	14	15.5	15.37
7	Viscosity Index	....	ASTM D2270	90		102
8	Total Acid Number, TAN	mg KOH/g	ASTM D974	Report		1.01
9	Flash Point, COC	°C	ASTM D92	180		226
10	Pour Point	°C	ASTM D97	Report		-27

REMARK: SAMPLE PASS

PREPARED BY: ANIL JARHAD

APPROVED BY: SANDIP BHAYAJE

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