



Shield Lubricants & Specialities Pvt. Ltd.

CERTIFICATE OF ANALYSIS

PRODUCT NAME : SHIELD PRO GEAR EP 80W90 API GL-4	DATE : 04/09/2024
BATCH NO. : SL/24-09/894	LAB.SR.NO.: 630

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		0.8750
4	Colour	....	ASTM D1500		L4.0	L2.0
5	Kinematic, Viscosity @ 40°C	cSt	ASTM D445	Report		148.8
6	Kinematic, Viscosity @ 100°C	cSt	ASTM D445	14	15.5	14.94
7	Viscosity Index	....	ASTM D2270	90		100
8	Total Acid Number, TAN	mg KOH/g	ASTM D974	Report		0.52
9	Flash Point, COC	°C	ASTM D92	180		244
10	Pour Point	°C	ASTM D97	Report		-27

REMARK: SAMPLE PASS

TESTED BY: ANIL JARHAD

APPROVED BY: SANDIP BHAYAJE

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