



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

## **CERTIFICATE OF ANALYSIS**

<b>PRODUCT NAME : PROGEAR EP 80W90 API GL-4</b>	<b>DATE : 19/07/2025</b>
<b>BATCH NO. : SL/25-07/663</b>	<b>LAB.SR.NO.: 461</b>

<b>Sr. No.</b>	<b>Tests</b>	<b>Units</b>	<b>Method</b>	<b>Minimum</b>	<b>Maximum</b>	<b>Test Results</b>
1	Appearance	....	Visual	Clear & Bright		Clear & Bright
2	Crackle Test	....	Visual	Nil		Nil
3	Density @ 29.5°C	Kg/ml	ASTM D1298	Report		0.8833
4	Colour	....	ASTM D1500		L4.0	L2.5
5	Kinematic, Viscosity @ 40°C	cSt	ASTM D445	Report		160.4
6	Kinematic, Viscosity @ 100°C	cSt	ASTM D445	14	15.5	15.36
7	Viscosity Index	....	ASTM D2270	90		96
8	Total Acid Number, TAN	mg KOH/g	ASTM D974	Report		0.69
9	Flash Point, COC	°C	ASTM D92	180		234
10	Pour Point	°C	ASTM D97	Report		-27

**REMARK: SAMPLE PASS**

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

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