



# Shield Lubricants & Specialities Pvt. Ltd.

Regd. Office: Shelton Sapphire, 8TH Floor, 806-B, Plot No: 18-19, Sector-15,  
CBD Belapur, Navi Mumbai-400614, Maharashtra. India.  
+91 22-27582828, Website-www.shieldlubricants.com

## CERTIFICATE OF ANALYSIS

PRODUCT NAME :SHIELD PROGEAR HD 80W90 API GL-5	DATE : 28/08/2025
BATCH NO. : SL/25-08/979	LAB.SR.NO.: 637

Sr. No.	Tests	Units	Method	Minimum	Maximum	Test Results
1	Appearance	None	Visual	Clear & Bright		Clear & Bright
2	Crackle Test	None	Visual	Nil		Nil
3	Density @ 29.5°C	Kg/ml	ASTM D1298	Report		0.8890
4	Colour	None	ASTM D1500		L4.0	L2.5
5	Kinematic,Viscosity @ 40°C	cSt	ASTM D445	Report		142.5
6	Kinematic,Viscosity @ 100°C	cSt	ASTM D445	14	15.5	14.33
7	Viscosity Index	None	ASTM D2270	90		98
8	Total Acid Number, TAN	mg KOH/g	ASTM D974	Report		1.38
9	Flash Point, COC	°C	ASTM D92	180		218
10	Pour Point	°C	ASTM D97		-27	-27

Tested By: Nilesh chichgharkar

Approved By: Sandip Bhayaje

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