



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

**CERTIFICATE OF ANALYSIS**

NAME OF MANUFACTURER		SHIELD LUBRICANTS & SPECIALITIES PVT.LTD		
PRODUCT		GEAR OIL HD 85W140 API GL-5		
BATCH NO &DATE		SL/24-08/836 & 25.08.2024		
S.No.	Characteristic	Test Method	Specification	Test Results
1	Appearance	Visual	Clear & Bright	Clear & Bright
2	Colour	ASTM-D 1500	L4.0 Max.	L2.5
3	Specific Gravity @ 29.5 °C	ASTM-D 1298	Report	0.8928
4	Kinematic Viscosity At 40°C,Cst	ASTM-D 445	Report	421.0
5	Kinematic Viscosity At 100°C,Cst	ASTM-D 445	27, Min – 31, Max.	28.52
6	Viscosity Index	ASTM-D 2270	90,Min.	94
7	Flash Point ,COC,°C	ASTM-D 92	180,Min.	236
8	Pour Point ,°C	ASTM-D 97	-12, Max.	-15
9	Total Acid Number	ASTM-D 2896	2, Max.	1.10

REMARK: SAMPLE PASS

TESTED BY: ANIL JARHAD

APPROVED BY: SANDIP BHAYAJE

Regd.Office: Shelton Sapphire,8<sup>TH</sup> Floor,806-B,Plot No:18-19,Sector-15,  
CBD Belapur, Navi Mumbai-400614, Maharashtra,India.  
L—022-27582828,Website-www.shieldlubricants.com