



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 PRO GEAR HD 85W140 API GL-5	DATE : 19/10/2022
BATCH NO. : SL/22-10/1078	LAB.SR.NO.: 991

Sr. No.	Tests	Units	Method	Minimum	Maximum	Test Results
1	Appearance	None	Visual	Clear & Bright		Clear & Bright
2	Crackle Test	None	Visual	Negative		Negative
3	Density @ 29.5°C	Kg/ml	ASTM D1298	Reported		0.8961
4	Colour	None	ASTM D1500		L4.0	L3.5
5	Kinematic,Viscosity @ 40°C	cSt	ASTM D445	Reported		391.1
6	Kinematic,Viscosity @ 100°C	cSt	ASTM D445	27	31	29.91
7	Viscosity Index	None	ASTM D2270	90		107
8	Total Acid Number, TAN	mg KOH/g	ASTM D974		2	1.47
9	Flash Point, COC	°C	ASTM D92	180		236
10	Pour Point	°C	ASTM D97		-15	-15

Checked By: *Nilesh chichgharkar*

Approved By: *Sandip Bhayaje*