



**Certificate of Analysis**

Product name: Shield Hydro Synergy Plus HVLP ISO VG 46	Date:28.03.2026
Batch No: SL/26-03/2556	Lab Sr.No: 1633

**Product characteristics & Test Report**

S. No.	Product Parameter	Formulation on control or Batch control	Measurement Method	Approved range	Unit of measure	Batch Test Report
1	Appearance	FC+BC	Visual	Clear & Bright		Clear & Bright
2	Colour	FC+BC	ASTM D1500	report		L0.5
3	Kinematic viscosity, 100°C	FC+BC	ASTM D445	report	cSt	7.79
4	Kinematic viscosity, 40°C	FC+BC	ASTM D445	41,4-50,6	cSt	43.41
5	Viscosity index	FC+BC	ASTM D2270	Min 140	-	151
6	Density, 29,5°C	FC+BC	ASTM D1298	report	Kg/l	0.8415
7	Total acid number, TAN	FC+BC	ASTM D664	report	Mg/g KOH	0.77
8	Flash point	FC+BC	ASTM D92	>185	°C	216
9	Pour Point	FC+BC	ASTM D97	-36	°C	-36
10	Foaming tendency, less then: Seq I Seq II Seq III	FC+BC	ASTM D892	75 50 75	ml	0/0 10/0 0/0
11	Water separation @54°C	FC+BC	ASTM D1401	<15	minutes	40-40-0(10)

Tested by: *Rajani more*

Approved by: *Sandip Bhayaje*