



Shield Lubricants & Specialities Pvt. Ltd.

LABORATORY TEST REPORT

PRODUCT NAME: FERRO SYNTH NF GRINDING	DATE : 16/04/2025
BATCH NO. : SL/25-04/139	LAB.SR.NO. – 057

SR. NO.	TEST	TEST METHOD	UNIT	SPECIFICATION	BATCH TEST REPORT
1	Appearance	Visual	....	Clear & Bright	Clear & Bright
2	Colour	ASTM D-1500	....	Green	Green
3	Density @29.5°C	ASTM D-1298	Kg/ml	Report	1.083
4	Kin. Visc.@40°C	ASTM D-445	cSt	Report	2.96
5	5% Emulsion In 500 ppm Hard Water	IS- 1115	....	Stable With Out Any Separation For 24 Hrs. Min.	Translucent Pass
6	5% Emulsion In Tab Water	IS- 1115	....	Stable With Out Any Separation For 24 Hrs. Min.	Translucent Pass
7	Thermal Stability (cold & hot)	IS- 1115	°C	Shall Pass The Test	Pass
9	Cu Corrosion, @100°C	ASTM D-130	°C	1a Max.	1A Pass
10	PH@5% Distilled	ASTM D1287	---	9 PH Min.	9.10

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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