



## Shield Lubricants & Specialities Pvt. Ltd.

### LABORATORY TEST REPORT

PRODUCT NAME :SHIELD FERRO M 5000	DATE : 26/06/2025
BATCH NO : SL/25-06/542	LAB.SR.NO. – 358

SR. NO.	TEST	TEST METHOD	UNIT	SPECIFICATION		BATCH TEST REPORT
				MIN.	MAX.	
1	Appearance	Visual	....	Clear & Bright		Clear & Bright
2	Colour	ASTM D-1500	....	Dark Brown		Dark Brown
3	Density @29.5°C	ASTM D-1298	Kg/ml	Report		0.9160
4	KV@40°C	ASTM D445	cST	Report		105.2
5	5% Emulsion In 500 ppm Hard Water	IS- 1115	....	Stable With Out Any Separation For 24 Hrs Min		Pass
6	5% Emulsion In 200 ppm Hard Water	IS- 1115	....	Stable With Out Any Separation For 24 Hrs Min		Pass
7	Thermal Stability (cold & hot)	IS- 1115	°C	Shall Pass The Test		Pass
8	Emulsion Type	....	...	Translucent		Translucent pass
9	PH Test	....	...	9 PH Min.		9.56
10	Cu Corrosion, @100°C	ASTM D-130	°C	Report		1a Pass
11	TAN, mg of KOH/gm	ASTM D974	MgKOH/gm	Report		8.38
12	Fungus Odor Test	.....	....	Report		Ok

REMARK – SAMPLE PASS

PREPARED BY: ANIL JARHAD

APPROVED BY: SANDIP BHAYAJE

DISCLAIMER: THIS IS A COMPUTER-GENERATED REPORT AND DOES NOT REQUIRE A PHYSICAL SIGNATURE.

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