



Shield Lubricants & Specialities Pvt. Ltd.

LABORATORY TEST REPORT

PRODUCT NAME :SHIELD FERRO M 5000	DATE : 29/04/2025
BATCH NO : SL/25-04/155	LAB.SR.NO. – 117

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		0.9215
4	KV@40°C	ASTM D445	cST	Report		103.8
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.		9.58
10	Cu Corrosion, @100°C	ASTM D-130	°C	Report		1a Pass
11	TAN, mg of KOH/gm	ASTM D974	MgKOH/gm	Report		8.26
12	Fungus Odor Test	Report		Ok

REMARK – SAMPLE PASS

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