



Shield Lubricants & Specialities Pvt. Ltd.

LABORATORY TEST REPORT

PRODUCT NAME : SHIELD ULTRA CUT	DATE : 09/03/17
BATCH NO : SL/17-03/608	

SR. NO.	TEST PARAMETER	TEST METHOD	CUSTOMER SPECIFICATION		BATCH RESULT
			MINIMUM	MAXIMUM	
1	Appearance	Visual	Clear & Bright		Clear & Bright
2	Colour	Visual	Brown		Brown
3	Density @29.5°C	ASTM D-1298	To Be reported		0.8795
4	Kin Visc.@40°C, cSt	ASTM D-445	45	55	52.27
5	5% Emulsion In 500 ppm Hard Water	IS- 1115	Stable With Out Any Separation For 24 Hrs Min		Pass
6	Frothing Test	IS- 1115	No Froth After 15 minutes		Pass
7	Cast Iron Corrosion	IS- 1115	0/0-1 Max After 24hrs		
8	Thermal Stability (cold & hot)	IS- 1115	Shall Pass The Test		Pass
9	Pour Point,°C	ASTM D-97	.-3 Max		-6
10	Cu Corrosion,@100°C	ASTM D-130	1 Max		1 A PASS
11	TOTAL ACID NO (TAN) mg of KOH/gm	ASTM D-974	3	5	3.62

Tested By: *Sandip*