



**Shield Lubricants & Specialities Pvt. Ltd.**

**LABORATORY TEST REPORT**

PRODUCT. NAME. : SHIELD KNIT WW 32 KNITTING OIL	DATE. : 19/05/2025
BATCH .NO. : SL/25-05/272	LAB.SR.NO. : 188

SR. NO.	TEST PARAMETER	TEST METHOD	CUSTOMER SPECIFICATION	BATCH RESULT
1	Appearance	Visual	Clear & Bright	Clear & Bright
2	Colour	Visual	Light Yellow	Light Yellow
3	Density @29.5°C	ASTM D-1298	To Be reported	0.8540
4	Kin Visc. @40°C, cSt	ASTM D-445	To Be reported	31.1
5	5% Emulsion In Tab Hard Water	IS- 1115	Stable With Out Any Separation For 24 Hrs Min	Pass
6	5% Emulsion In 500 PPM	IS- 1115	Stable With Out Any Separation For 24 Hrs Min	Pass
7	Thermal Stability (cold & hot )	IS- 1115	Shall Pass The Test	Pass
8	Total Acid Number (TAN) mg of KOH/gm	ASTM D-974	4.0 Max	3.41
9	PH@5% Distilled	ASTM D1287	report	7.28

REMARK – SAMPLE PASS

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