



Spectrum Cutting Solutions Pvt Ltd

Product Data Sheet

“SP TEX-90”

Product Description:

“SP TEX 90” is Knitting oil Emulsifier package, which base on non-ionic surfactant, fatty base chemistry, which enhance inbuilt corrosion properties.

Typical Properties:

- | | |
|--|--------------------|
| 1) Color | : Yellow to Amber. |
| 2) Appearance | : Viscous Liquid. |
| 3) Acid value | : Max 5. Mg KOH/gm |
| 4) PH 5% in Distilled water | : Min 7-9 |
| 5) Oil solubility 12 % in Group II (Sn 70&150) | : Bright & clear |
| 6) Specific gravity at 30 °C | : 0.9-1.0 |

Key performance:

1. Excellent corrosion protection
2. Self-Emulsification
3. Reduce Needle wear at high-Speed knitting process.
4. Cost Effective

Guideline Formulations:

Raw material	Formulation 1	Formulation 2	Formulation 3
SPTEX-90	12	12	12
SN 150 GrII	88	-	44
SN 70 GR II	-	88	44
Total	100	100	100

Result of knitting Oil

Properties	Formulation 1	Formulation 2	Formulation 3
5% Emulsion in Tap water	Weak emulsion	Weak emulsion	Weak emulsion
Emulsion colour	Milky white	Milky white	Milky white



Spectrum Cutting Solutions Pvt Ltd

Dosing :

10% to 15%

Storage condition:

Store inside warehouse, Temperature condition 30°C to 35°C

Avoid water collecting on barrel top,

Special instruction

if temperature falls Below 30°C, product become hazy, So for clear Appearance, it should heat up to 50°C .

Shelf life :

6-month Form Date of manufacturing.

Pack size:

50 kgs HDPE Carboy, 200kgs HDPE Drums

For Health & safety please refer MSDS

Guidance information is given as per our knowledge.