



## Technical Data sheet

# HARTEX 22-A

Water Scourable Textile Oil

### Description

**HARTEX 22-A** is a superior quality, blended textile spindle and thread oil. It is completely scourable and does not stain or mark fabrics. It contains a premium anti-wear additive package designed to provide superior performance in the finished product. It forms a superior cling-ability with the high speed spindle mechanism and remains in position despite fluctuating speed actions. This quality ensures that all parts of the machinery are given absolute protection during high speed operations. **HARTEX 22-A** is also an excellent anti-static agent as it prevents the build-up of static electricity on the thread.

By using **HARTEX 22-A**, textile machinery can be operated at speeds of up to 20,000 rpm without the risk of thread breaking.

### Typical Applications

**HARTEX 22-A** is designed for use with high speed knitting machines requiring an emulsifiable oil for lubrication of the needles and their beds.

### Advantages

- Reduces Friction & Wear
- Incorporates Emulsifiers – washes out readily in tap water
- Represses static buildup
- Low Odour – improved operator comfort
- Non staining
- Protects machinery from wear & corrosion
- Environmentally beneficial product compared to mineral oil based products

### Typical Properties

Name	Method	Results
Description	Visual	Transparent, pale straw coloured oily liquid
Density @ 15 °C	ASTM D1298	0.869
Flash Point, COC	ASTM D92	204°C
Kinematic Viscosity @ 40°C	ASTM D445	20.5 cSt
Oxidation resistance	ASTM D2272	Excellent
Emulsion Stability	1:10	No separation
Zinc %wt		0.04
Phosphorous %wt		0.03

**Note: Data is typical and does not constitute a specification**

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