



Tixo Sew 300,400,500

DESCRIPTION

Needle oil for sewing machines, based on highly refined base oils.

APPLICATIONS

Lubrication of stitch forming parts in sewing machines.

Also suitable for the lubrication of rings and travelers of spinning frames.

Recommended for the production of finished items containing an important proportion of elastane such as socks or "medical tights".

Suitable for textile materials that do not require dyeing or finishing afterwards

SPECIFICATIONS

Oeko-Tex Eco Passport and Standard 100 compliant.

ADVANTAGES

Ensures an excellent wetting power.

Maintains a continuous lubricating film.

Hardly any effect on dye fastnesses.

Ensures an efficient protection against rust.

Practically harmless on elastane. In case of heat treatment, it is recommended to degrease fabrics before finishing.

High thermal stability.

Environmentally friendly (no ethoxylated alkylphenol (APEO)).

This lubricant used as recommended and for the application for which it has been designed does not present any particular risk.
A material safety data sheet conforming to the regulations in use in the E.C. can be obtained from your local commercial adviser or downloaded at ms-sds.totalenergies.com

RECOMMENDATIONS

Method of Application:

- Washing is strongly recommended after sewing of polypropylene or polyethylene products.

De-Oiling:

Best conditions for a good removal:

- Temperature included between 30°C to 80°C
- pH from 8 to 9.
- 1 to 2g/l of detergent from our Deterfix range.

Storage:

- Temperature from 5°C to 40°C.
- Optimal performance is obtained if the product is stored for a period of maximum 24 months in a dry, indoor, frost-free place and in its unopened original packaging.

TYPICAL CHARACTERISTICS

PROPERTIES	VALUES			UNITS	STANDARDS
	300	400	500		
Aspect at 20°C		Clear Liquid		/	Internal
Visual color		Colourless		/	Internal
Density at 20°C		0,86		g/cm ³	ISO 12185
Viscosity at 40°C	30 – 34	43 – 49	59 – 65	cSt	ISO 3104 / ASTM D445
Flash point		> 130		°C	ISO 2592
Aniline point	110	114	118	°C	ASTM D611

Above characteristics are typical values given as an information.

APPROVALS

- Tested by INVISTA™ laboratory and judged compatible before and after heat setting on yarns containing Lycra®. INVISTA™ recommend the use of this product on Lycra®. Lycra® being the trademark registered by INVISTA™ for elastane yarns.

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