

Technical sheet n°452.V11

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TIXO SEW ...

Needle oil - Tailoring

Ref ST 103061.V3

FIELD OF APPLICATION

« White oil » based lubricant recommended for the lubrication of sewing machines, needles of tubular knitting machines (« large diameter » and « hosiery » as well as flat and «cotton» machines.

This lubricant is also suitable for rings and travellers of spinning frames.

Not containing any emulsifier, this lubricant is recommended for the productions of finished items containing an important proportion of elastane such as socks or «medical tights».

TIXO SEW ... can be used on textile materials too when one wants to lubricate without dyeing or finishing here after. When polypropylene or polyethylene is used, the lubrication is only temporary.

GENERAL PROPERTIES

- has an exceptional wetting power
- maintain a continuous lubricating film
- owns an high thermal stability and is chemically inert
- protects against the rust
- has hardly any effect on dye fastnesses
- is practically harmless toward elastanes. In case of heat treatment, it is recommended to de-grease fabrics before this operation

APPROVAL / RECOMMENDATION

This product has been tested in INVISTA™ laboratory and judged compatible before and after heat-setting with the use of the Lycra® fibre ; Lycra ® being the trademark registered by INVISTA™ for elastane fibre.

RECOMMENDATIONS FOR DE-OILING

- The best conditions for a good removal are :
- temperature included between 30 and 80°C
 - pH from 8 to 9
 - 1 to 2g/l of detergent from our DETERFIX® range

ECOLOGY

This product has been developed in full compliance with current European regulations.

When applied to the rates recommended above, it enables one to meet the OEKO-TEX standard 100 (Edition 01/20014) requirements.

STORAGE AND HANDLING

The storage and handling do not require any particular precaution (see Safety Data Sheet for more additional information).

- Shelf Life : 1 year from Petronaphte's delivery date

C C C N

27 10 - Lubricating preparation for textile industry containing more than 70% petroleum products.

CHARACTERISTICS*

TIXO SEW ...	300 / 400 / 500 / 580
• Aspect at 20°C	clear liquid
• Visual colour	colourless
• Density at 20°C	0,86
• Viscosity at 40°C	30 - 34 cSt / 43 - 49 cSt / 59 - 65 cSt / 67 - 73 cSt
• Viscosity index	115 / 110 / 100 / 100
• Flash point	> 150°C
• Aniline point	110 / 114 / 118 / 119
• VG ISO grade	32 / 46 / - / 68

* The characteristics in lightfaced type are given solely as an indication.

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