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TIXO STAINLESS

Needle oil

Ref ST 103061.V3

FIELD OF APPLICATION

High-performance scourable oil specially formulated for the lubrication of needles, sinkers and tuck cams in circular and flat knitting machines. It is based on highly refined paraffinic mineral oils and is free from ethoxylated alkyphenols.

RECOMMENDED USES TO BE APPLIED

- · with an oil can
- drop by drop
- spraying

- · microsprayer
- · contact for rings

NB: because of the presence of emulsifiers the compressed air feeding the oiling circuits has to be free of water. This has to be checked.

GENERAL PROPERTIES

- reduces considerably the frictions and the wear
- · regulates the needles slipping in the needlle beds and sinkers
- · help keeping cylinders clean

- · ensures an efficient protection against the rust
- is inert toward the materials normally used around lubricating devices
- is practically harmless toward elastanes. In case of heat treatment, it is recommmended to de-grease fabrics before this operation

NB: this product has been formulated taking into account the various requirements for circular machine greasing. One has to ensure the total innocuousness towards materials which would have not be tested by us.

RECOMMENDATIONS FOR DE-OILING

The best conditions for a good removal are:

• temperature around 60°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 01/2014) 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

CCCN

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

CHARACTERISTICS*

TIXO STAINLESS	22 / 32 / 46
Aspect at 20°C	clear liquid
Visual colour	colourless
Density at 20°C	0,84
Viscosity at 40°C	19,8 - 24,2 cSt / 28,8 - 35,2 cSt / 42 - 50 cSt
Copper strip test ISO 2160 (3h at 100°C)	1a
Flash point	> 130°C
OSCILLATION FRICTION TES	ST (b/400 N/70°C/1 h, DIN 51834-2)
Friction coefficient	< 0,1
Wear scar Wk (mm)	< 0,6
• Wear depth Rz (µm)	<1
Load resistance (N)	> 1000

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

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Tél: +33 (0)1 41 35 40 00 Fax: +33 (0)1 41 35 84 71 Textile auxiliary product for the textile industry Special products and lubricants for textile machinery

