



Needle Oil

Tixo Stainless 22, 32, 46

DESCRIPTION

High performance scourable needle oil for circular and flatbed knitting machines, based on highly refined base oils

ADVANTAGES

- DIN 62136 standard approved in terms of friction coefficient, wear and maximum load extending stitch forming parts shelf life
- High level corrosion protection on machinery, according to DIN 51360 standard
- Good temperature regulation in high speed machine running
- Non aggressive towards plastics, paints and machines electronic components
- Compatible with elastane fibers
- Good scourability (washability) both at high and low temperatures
- Certified according to ECO PASSPORT by OEKO-TEX®, Tixo Stainless complies with the OEKO-TEX® standard 100 requirements

APPLICATIONS

- Lubrication of needles, needle beds, sinkers and tuck cams on small and large diameter circular knitting machines as well as for flat knitting
- Lubrication of rings and travelers in spinning frame

RECOMMENDATIONS

Application method

- Suitable for application through all conventional oil feeding systems commonly used in knitting machinery
- Before switching to **Tixo Stainless**, it is strongly recommended to drain and clean the machine and oil feeders

De-oiling

The best conditions for good removal are:

- From 20 to 60 °C
- pH from 8 to 9
- 1 to 2 g/L of detergent from our Deterfix range

Storage

- We recommend a storage temperature from 5 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

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 down loaded at ms-sds.totalenergies.com



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TYPICAL CHARACTERISTICS

Aspect at 20 °C	Bright and clear
Visual color	Colorless
Density at 20 °C	0,85
Kinematic viscosity at 40 °C	20,0 – 24,0 / 29,0 – 35,0 / 42,0 – 50,0 cSt
Flash point	> 200 °C

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