

## Technical sheet n°2054.V3

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# TIXO SLIDE

Needle oil

Ref ST 103061.V3

### FIELD OF APPLICATION

High Performance lubricant with Anti-Wear properties for needles, needle beds, sinkers and tuck cams on any flat-bed and circular knitting machines, based on highly refined hydrocracked base oils and free of ethoxylated alkylphenol.

Specially formulated to protect both machine and fibers, this non-emulsifiable product is particularly suitable for knitted fabrics with high elastane content.

### RECOMMENDED USES TO BE APPLIED

- with an oil can
- drop by drop
- microsprayer

### GENERAL PROPERTIES

- avoids the premature wear of needles, sinkers, needle beds, etc...
- diminution of rubberizing phenomenon of needle cylinders
- is chemically stable
- is inert toward the materials normally used around lubricating devices
- is compatible with elastane

### 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.  
Its formula 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

### C C C N

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

### CHARACTERISTICS\*

TIXO SLIDE	22 / 32 / 46
• Aspect at 20°C	clear liquid
• Visual colour	colourless
• Density at 20°C	0,83 / 0,84 / 0,85
• Viscosity at 40°C	20,6 - 23,6 cSt / 30 - 33 cSt / 42 - 50 cSt
• Flash point	> 130°C
• VG ISO grade	22 / 32 / 46
OSCILLATION FRICTION TEST (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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Special products and lubricants  
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