



Tixo Stainless CO 22,32,46

DESCRIPTION

Mineral-based high performance, washable needle and sinker oil for all types of knitting machines.

APPLICATIONS

Tixo Stainless CO is designed to provide the best washing performance, especially in medium and high washing temperatures, while still bringing superior mechanical performances, which helps to extend stitch forming parts' lifespan.

SPECIFICATIONS

Oeko-Tex Eco Passport and Standard 100 Compliant

GRS compliant

« Heavy-metal free » according to GOTS 7.0, hence compliant with machine oils requirements for GOTS goods processing.

ADVANTAGES

Thanks to its high additivation, Tixo Stainless CO meets modern high speed machinery's requirements in terms of wear protection.

DIN 62136 standard approved in terms of friction coefficient, wear, and maximum load, extending stitch forming parts' lifespan.

Superior washability in medium to high temperatures (ideally, 60°C and above).

Environmentally friendly (no ethoxylated alkylphenol (APEO)).

Compatible with commonly used electronic cards, rubber, paint, and elastane fibers*.

** As it is not possible to guarantee compatibility with all materials possibly used in all knitting machines, we recommend that before using Tixo Stainless CO, customers are encouraged to run compatibility tests for their knitting machine components which may come into contact with the oil.*

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:

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

De-Oiling:

Best conditions for a good removal:

- For optimal performances, temperature superior to 60°C, ideally 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
	22	32	46		
Aspect at 20°C	Clear Liquid			/	Internal
Visual color	Slightly yellow			/	Internal
Density at 20°C	0,85			g/cm³	ISO 12185
Viscosity at 40°C	20,0 – 24,0	29,0 – 35,0	42,0 – 50,0	cSt	ISO 3104 / ASTM D445
Flash point	> 130			°C	ISO 2592
Copper strip test	1a			/	ISO 2160
<u>Oscillation friction test (SRV):</u>					
- Friction coefficient	< 0,1			/	DIN 62136 - 1
- Wear scar length (ball)	< 0,6			mm	
- Wear depth (plate)	< 1			µm	
- Load capacity	> 1000			N	

Above characteristics are typical values given as an information.

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