

SYNTHESO XOL 12

Synthetic textile machine oil for
the lubrication of spinning and twisting rings



Description

SYNTHESO XOL 12 is a light-coloured, clear oil based on ester offering a good viscosity-temperature behavior. It is used for the impregnation of spinning and twisting rings.

Application

SYNTHESO XOL 12 is used for the lubrication of porous sintered metal rings. The product impregnates and evenly wets the sintered metal lubrication points. The lubricating film reduces wear to a minimum. SYNTHESO XOL 12 reduces yarn tension and traveller wear thus contributing to a reliable and economical operation of the textile machine.

Application notes

Owing to the high performance of SYNTHESO XOL 12 minimum quantities are sufficient to impregnate the felts. Re-impregnation should only take place prior to careful de-oiling of felts. Turbidity of the oil before reaching the pour point is reversible and does not affect the product's performance.

Minimum shelf life

The minimum shelf life is approx. 60 months if the product is stored in its unopened original container in a dry place.

Pack size

20 l canister

SYNTHESO XOL 12

- Fully synthetic textile machine oil
- Resistant to oxidation
- Good corrosion protection
- High ageing resistance
- Low consumption
- Good wear protection
- Good viscosity-temperature behavior

Product data

Base oil	ester oil
Service temperature range* [°C], approx.	10 to 150
Color	yellowish
Density, DIN 51757 at 20 °C [g/cm ³], approx.	0.86
Kinematic viscosity, DIN 51652 pt. 01 at 40 °C, [mm ² /s], approx.	16
at 100 °C, [mm ² /s], approx.	4.0
Viscosity index, DIN ISO 2909, approx.	150
Klüber corrosion test, material Ck 22, 24h/ 90°C / 2% water	no corrosion
Pour point, DIN ISO 3016 [°C], ca.	5

* Service temperatures are guide values which depend on the lubricant's composition, the intended use and the application method. Lubricants change their consistency, apparent dynamic viscosity or viscosity depending on the mechanical loads, time, pressure and temperature. These changes in product characteristics may affect the function of a component.

The data in this product information is based on our general experience and knowledge at the time of printing and is intended to give information of possible applications to a reader with technical experience. It constitutes neither an assurance of product properties nor does it release the user from the obligation of performing preliminary tests with the selected product. We recommend contacting our Technical Consulting Staff to discuss your specific application. If required and possible we will be pleased to provide a sample for testing. Klüber products are continually improved. Therefore, Klüber Lubrication reserves the right to change all the technical data in this product information at any time without notice.



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