

SYNTHESCO

High-temperature chain oil



Benefits for your application

- **Approved by various conveyor manufacturers**
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Description

SYNTHESCO is a fully synthetic high-temperature chain oil of high thermal stability. It contains solid lubricants.

Application

SYNTHESCO is used for the lubrication of chains in dryers and ovens as well as for chains subject to high temperatures in circular conveyors.

Application notes

SYNTHESCO can be applied by means of oil feeder, brush or automatic lubrication systems.

Material safety data sheets

Material safety data sheets can be requested via our website www.klueber.com. You may also obtain them through your contact person at Klüber Lubrication.

Pack sizes	SYNTHESCO
Canister 5 l	+
Canister 20 l	+
Drum 200 l	+



SYNTHESCO

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Product data	SYNTHESCO
Article number	002073
Lower service temperature	-40 °C / -40 °F
Upper service temperature, with intermittent lubrication,	220 °C
Kinematic viscosity of the base oil, DIN 51562 pt. 01/ASTM D-445/ASTM D 7042, 100 °C, upper limit	14 mm ² /s
Kinematic viscosity, DIN 51562 pt. 01/ASTM D-445/ASTM D 7042, 100 °C, lower limiting value	11.5 mm ² /s
Kinematic viscosity of the base oil, DIN 51562 pt.01/ASTM D-445/ASTM D 7042, 40 °C, upper limit	110 mm ² /s
Kinematic viscosity of the base oil, DIN 51562 pt. 01/ASTM D-445/ASTM D 7042, 40 °C, lower limit	100 mm ² /s
Density, DIN 51757, 20 °C	approx. 0.92 g/cm ³
Pour point, DIN ISO 3016	approx. -40 °C
Copper corrosion, DIN EN ISO 2160, 24 h/150°C	1 - 150 corrosion degree
Colour space	black
Chemical composition, type of oil	ester oil
Chemical composition, type of oil	synthetic hydrocarbon oil
Chemical composition	molybdenum disulphide
Minimum shelf life from the date of manufacture - in a dry, frost-free place and in the unopened original container, approx.	36 months

Klüber Lubrication – your global specialist

Innovative tribological solutions are our passion. Through personal contact and consultation, we help our customers to be successful worldwide, in all industries and markets. With our ambitious technical concepts and experienced, competent staff we have been fulfilling increasingly demanding requirements by manufacturing efficient high-performance lubricants for more than 80 years.

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The data in this document is based on our general experience and knowledge at the time of publication 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 field tests with the product selected for a specific application. All data are guide values which depend on the lubricant's composition, the intended use and the application method. The technical values of lubricants change depending on the mechanical, dynamical, chemical and thermal loads, time and pressure. These changes may affect the function of a component. We recommend contacting us to discuss your specific application. If possible we will be pleased to provide a sample for testing on request. Klüber products are continually improved. Therefore, Klüber Lubrication reserves the right to change all the technical data in this document at any time without notice.

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