

### Description

SYNTHESCO is a fully synthetic high-temperature chain oil of high thermal stability. It contains solid lubricants and is free of raw materials based on silicones.

### 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.

### Minimum shelf life

The minimum shelf life is approx. 36 months if the product is stored in its unopened original container in a dry, frost-free place.

### Pack sizes

5 l canister  
200 l drum

### SYNTHESCO

- Service temperatures up to 220°C in the case of intermittent lubrication
- Free of silicone-based raw materials, therefore also suitable for paintshops
- Approved by various conveyor manufacturers

### Product data

Base oil	synthetic hydrocarbon oil, ester oil
Solid lubricant	MoS <sub>2</sub>
Service temperature range [°C]*	-40** to 220
Color	black
Density, DIN 51757, 20 °C [g/cm <sup>3</sup> ], approx.	0.92
Kinematic viscosity of the base oil, DIN 51562, pt. 01, Ubbelohde, at 40 °C [mm <sup>2</sup> /s] 100 °C [mm <sup>2</sup> /s]	100 to 110 11.5 to 14
Copper corrosion, DIN EN ISO 2160, 24 h/ 150 °C, corrosion degree	1 to 150
Pour point [°C], DIN ISO 3016, approx.	-40

\* 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 mechano-dynamical loads, time, pressure and temperature. These changes in product characteristics may affect the function of a component.

\*\* The lower service temperature of the lubricated chain with relubrication to be performed at room temperature.

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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