

# Klübersynth CEH 2-100

High-temperature chain oil



## Benefits for your application

- Lubrication with Klübersynth CEH 2-100 prevents stick-slip also under high load conditions, enabling consistent product quality, e.g. in the insulating materials industry
- Constant power consumption of chain drives due to reduced friction coefficient, ensuring reliable line operation. Costly production stoppages due to unwanted power increases can be avoided
- Continuous relubrication combined with reduced consumption at high temperatures due to the low evaporation of the ester oil type used. Reduced maintenance costs due to less residues, which show good solubility
- Good wear protection at high temperatures supporting attainment of the expected chain life, leading to reduced spare parts and labour costs

## Description

Klübersynth CEH 2-100 is a high-temperature (HT) chain oil containing selected EP/AW additives for reliable lubrication.

## Application

Klübersynth CEH 2-100 can be used for transport and conveyor chains operating at high temperatures, e.g. during production of insulating materials. The lubricant design is aimed at applications involving high loads temperatures. Avoid ignition sources as the product's flash point is at approx. 230 °C. For oven temperatures above 230 °C, automatic fire extinguishing systems should be provided. Especially for insulating materials of high density (grade 5), this HT chain oil can effectively support reliable production processes.

## Application notes

Klübersynth CEH 2-100 can be applied by means of commercial lubricating equipment that is suitable for ester oils of ISO VG 100 grade. Klübersynth CEH 2-100 forms a paste-like, brushable residue that is dissolved by continuous relubrication. In the case of contact with elastomers and plastics their resistance to Klübersynth CEH 2-100 has to be checked.

## Material safety data sheets

Material safety data sheets can be requested via our website [www.klueber.com](http://www.klueber.com). You may also obtain them through your contact person at Klüber Lubrication.

Pack sizes	Klübersynth CEH 2-100
Canister 20 l	+
Drum 200 l	+

Product data	Klübersynth CEH 2-100
Article number	002142
Chemical composition, type of oil	ester oil
Lower service temperature	0 °C / 32 °F
Upper service temperature	250 °C / 482 °F
Colour space	blue
Density, DIN 51757, 20 °C	approx. 0.92 g/cm <sup>3</sup>
Kinematic viscosity, DIN 51562 pt. 01/ASTM D-445/ASTM D 7042, 40 °C	approx. 105 mm <sup>2</sup> /s
Kinematic viscosity, DIN 51562 pt. 01/ASTM D-445/ASTM D 7042, 100 °C	approx. 14 mm <sup>2</sup> /s



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Product data	Klübersynth CEH 2-100
Viscosity index, DIN ISO 2909	>= 135
Flash point, DIN EN ISO 2592, Cleveland, open-cup apparatus	>= 230 °C
Minimum shelf life from the date of manufacture - in a dry, frost-free place and in the unopened original container, approx.	24 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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