

Klübertherm CH 2-100

Fully synthetic high-temperature oil



Benefits for your application

- Reduced oil consumption due to considerably improved thermal stability at > 160 °C
- Less maintenance and cleaning required due to reduced fume formation and deposits
- Regenerates and dissolves pasty oil residues, reducing maintenance and downtime
- Longer component life due to improved compatibility with nonferrous metals

Description

Klübertherm CH 2-100 is a fully synthetic high-temperature oil based on high-quality raw materials and the latest additive technology to provide considerable improvements in performance and cleanliness.

Application

Klübertherm CH 2-100 lubricates chains, pins and bending rods in continuous wood presses used for the manufacture of particle, MDF, HDF, THDF, OSB or LVL boards. It also lubricates the guide rollers and sliding rails.

It is particularly suitable for wood presses of the type:

Siempelkamp ContiRoll®

Dieffenbacher Conti-Panel-System (CPS)

Application notes

Klübertherm CH 2-100 is applied to the chains, pins and bending rods by central 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	Klübertherm CH 2-100
Drum 200 l	+
Container 1000 l	+

Product data	Klübertherm CH 2-100
Article number	002171
Lower service temperature	0 °C / 32 °F
Upper service temperature	250 °C / 482 °F
Colour space	yellow
Appearance	clear
Density, DIN 51757, 20 °C	approx. 0.96 g/cm ³
Kinematic viscosity, DIN 51562 pt. 01/ASTM D-445/ASTM D 7042, 40 °C	approx. 100 mm ² /s
Kinematic viscosity, DIN 51562 pt. 01/ASTM D-445/ASTM D 7042, 100 °C	approx. 13 mm ² /s
Viscosity index, DIN ISO 2909	>= 115
Copper corrosion, DIN EN ISO 2160, 24 h/150°C	1 - 150 corrosion degree
Flash point, DIN EN ISO 2592, Cleveland, open-cup apparatus	>= 250 °C
Minimum shelf life from the date of manufacture - in a dry, frost-free place and in the unopened original container, approx.	24 months



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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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