

HOTEMP SUPER CH 2-100

Synthetic high-temperature chain oil



Your benefits at a glance

- Maximum machine life even at high operating temperatures due to good lubricating, spreading and wetting properties
- Reduced oil consumption and fume formation due to low evaporation losses at high temperatures
- Regenerates and dissolves pasty oil residues, hence less maintenance and unobstructed lubricating systems
- Reduced operating costs and low current consumption of electric drives due to low friction and wear values

Your requirements - our solution

HOTEMP SUPER CH 2-100 is a synthetic high-temperature chain oil based on a low-viscous, solvent-free and thermally stable ester oil.

The special additives contained in HOTEMP SUPER CH 2-100 ensure good wear protection and lubricity.

HOTEMP SUPER CH 2-100 has only low evaporation losses at high operating temperatures.

Application

HOTEMP SUPER CH 2-100 has been especially designed for the lubrication of roller bar chains and bending rods/pins in continuous wood presses of Messrs. Dieffenbacher and Siempelkamp.

HOTEMP SUPER CH 2-100 dissolves and regenerates pasty oil residues and reduces or prevents chain contamination.

Application notes

HOTEMP SUPER CH 2-100 is used in a separate lubrication circuit to lubricate the roller bar chains/pins.

In addition, HOTEMP SUPER CH 2-100 can be used to lubricate all chains which require a low-viscous oil with good penetrating properties for cleaning purposes.

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	HOTEMP SUPER CH 2-100
Canister 20 l	+
Drum 200 l	+
Container 1000 l	+

Characteristics	HOTEMP SUPER CH 2-100
Article number	002136
Composition, type of oil	ester oil
Appearance	clear
Colour space	yellow
Service temperature, lower limit	0 °C
Service temperature, upper limit	250 °C
Density, DIN 51757, 20°C	approx. 0.92 g/cm ³

HOTEMP SUPER CH 2-100

Synthetic high-temperature chain oil



Characteristics	HOTEMP SUPER CH 2-100
Flash point, DIN EN ISO 2592, Cleveland open cup	≥ 250 °C
Kinematic viscosity, DIN EN ISO 3104 / DIN 53000-1, based on standard / ASTM D445 / ASTM D7042, 100°C	approx. 14.5 mm²/s
Kinematic viscosity, DIN EN ISO 3104 / DIN 53000-1, based on standard / ASTM D445 / ASTM D7042, 40°C	approx. 105 mm²/s
Copper corrosion, DIN EN ISO 2160, 24 h, 150°C	≤ 2 - 150 - 24 corrosion degree
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 95 years.

Klüber Lubrication München GmbH & Co. KG /
Geisenhausenerstraße 7 / 81379 München / Germany /
phone +49 89 7876-0 / fax +49 89 7876-333.

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.

Publisher and Copyright: Klüber Lubrication München GmbH & Co. KG. Reprints, total or in part, are permitted only prior consultation with Klüber Lubrication München GmbH & Co. KG and if source is indicated and voucher copy is forwarded.