

Klüberfood NH1 CH 2-460

Regenerative high-temperature chain oil for conveyor and transport chains in the food-processing and pharmaceutical industries



Your benefits at a glance

- Longer chain life in high-temperature applications due to better wear protection
- Residues are partly dissolved, which leads to lower maintenance and repair costs
- Reduced consumption in application due to optimised thermal stability
- High machine availability attained by continuous relubrication increases your productivity

Your requirements - our solution

Klüberfood NH1 CH 2-460 is a synthetic high-temperature oil that can dissolve residues as fresh oil enters the circuit. Continuous minimum-quantity lubrication with this oil leads to longer chain life. The product's optimised thermal stability helps reduce lubricant consumption.

As thermal residues are regenerated, Klüberfood NH1 CH 2-460 can lead to lower maintenance and repair costs.

It is NSF H1-registered and therefore complies with FDA 21 CFR § 178.3570.

It was developed for incidental contact with products and packaging materials in the food-processing, cosmetics, pharmaceutical or animal feed industries. The use of Klüberfood NH1 CH 2-460 can contribute to increase reliability of your production processes. Nevertheless it is recommended to conduct an additional risk analysis, e.g. HACCP.

Application

Klüberfood NH1 CH 2-460 was developed for chain lubrication at high temperatures. It is used for the lubrication of oven transport chains, e.g. in large industrial bakeries.

Application notes

Klüberfood NH1 CH 2-460 can be pumped and applied by means of conventional centralised lubricating systems using gear pumps. Manual brush application is also possible.

If Klüberfood NH1 CH 2-460 is to be used in contact with elastomers or plastics, please check compatibility beforehand. Please refrain from bringing the chain oil near open flames or flammable materials and keep it away from sources of ignition.

If you have any other questions regarding your application, our experts will be happy to help you. We look forward to hearing from you.

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	Klüberfood NH1 CH 2-460
Canister 5 l	+
Canister 20 l	+
Drum 200 l	+

Product data	Klüberfood NH1 CH 2-460
Article number	002179
NSF-H1 registration	151 665
Appearance	clear
Chemical composition, type of oil	ester oil
Chemical composition, type of oil	synthetic hydrocarbon oil
Lower service temperature	0 °C / 32 °F



Klüberfood NH1 CH 2-460

Regenerative high-temperature chain oil for conveyor and transport chains in the food-processing and pharmaceutical industries

Product data	Klüberfood NH1 CH 2-460
Upper service temperature	250 °C / 482 °F
Colour space	yellow
Kinematic viscosity, DIN 51562 pt. 01/ASTM D-445/ASTM D 7042, 40 °C	approx. 460 mm ² /s
Kinematic viscosity, DIN 51562 pt. 01/ASTM D-445/ASTM D 7042, 100 °C	approx. 31 mm ² /s
Viscosity index, DIN ISO 2909	>= 95
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.

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