Klüberfood NH1 CH 2-150, CH 2-220

High-temperature chain oils for the food and pharmaceutical industries

Benefits for your application

- **Extended chain life due to improved wear protection**
- **Low oil consumption due to the low tendency to evaporation of the ester oil used**
- **NSF H1-registered supporting process reliability**
- **ISO 21469 certified - supports compliance with the hygienic requirements in your production plant. You will find further information on ISO Standard 21469 on our website www.klueber.com**

Description

Klüberfood NH1 CH 2 oils are synthetic high-temperature chain oils. Their additives offer very good wear protection. These oils show low evaporation losses even at high temperature.

Klüberfood NH1 CH 2 oils are NSF H1 registered and therefore comply with FDA 21 CFR § 178.3570. The lubricants were 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 oils can contribute to increase reliability of your production processes. We nevertheless recommend conducting an additional risk analysis, e.g. HACCP.

Application

The Klüberfood NH1 CH 2 oil series has been designed for lubrication of all drive, control and transport chains subject to high temperatures and loads.They are particularly used for chains in baking ovens and other high- temperature chain applications in the food-processing industry.

Application notes

- The oils can be applied by means of brush, oil feeder or automatic lubrication systems.
- When applied in automatic lubrication systems, please observe the maximum viscosity specified by the machine manufacturer.
- In view of the many different paint systems and testing criteria, paint compatibility tests should be performed by the user prior to series application.
- In case of contact with elastomers and plastics their resistance to Klüberfood NH1 CH 2 oils should be checked.
- The low evaporation losses and high oxidation stability allow optimized relubrication intervals and quantities.

Please contact our technical sales staff for further information and support where required.

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 2-150	Klüberfood NH1 CH 2-220
Canister 20 l	+	+
Drum 200 l	+	+

Product data	Klüberfood NH1 CH 2-150	Klüberfood NH1 CH 2-220
Article number	002143	002132
NSF-H1 registration	141 948	139 419
Chemical composition, type of oil	ester oil	ester oil
Lower service temperature	0 °C / 32 °F	0 °C / 32 °F

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Product data	Klüberfood NH1 CH 2-150	Klüberfood NH1 CH 2-220
Upper service temperature	250 °C / 482 °F	250 °C / 482 °F
Colour space	yellow	yellow
Density, DIN 51757, 20 °C	approx. 0.96 g/cm³	approx. 0.96 g/cm³
Viscosity index, DIN ISO 2909	>= 70	>= 70
Kinematic viscosity, DIN 51562 pt. 01/ASTM D-445/ASTM D 7042, 40 °C	approx. 150 mm²/s	approx. 220 mm²/s
Kinematic viscosity, DIN 51562 pt. 01/ASTM D-445/ASTM D 7042, 100 °C	approx. 13 mm²/s	approx. 17 mm²/s
Minimum shelf life from the date of manufacture - in a dry, frost-free place and in the unopened original container, approx.	24 months	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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