

Klüberfood NH1 C 4-58

Fully synthetic oil free of solids for conveyor chains in the beverage industry



Benefits for your application

- Pumpable through central lubrication systems => reduction of operating costs
- Consistent manufacture of goods due to precise lubricant metering avoiding contamination
- Minimal lubrication: clear reduction of bacteriological contamination and corrosion, safer work environment (dry floors), reduction of waste water

Description

Klüberfood NH1 C 4-58 is based on synthetic hydrocarbons.

Minimal lubrication is achieved if the lubricant is applied/ metered in such a way that no droplets of oil are formed on the conveyor chain surfaces.

Klüberfood NH1 C 4-58 offers excellent oxidation stability and low-temperature behaviour. Reduces friction and wear and ensures smooth running of chains.

Klüberfood NH1 C 4-58 is NSF H1 registered and therefore complies with FDA 21 CFR § 178.3570. The lubricant 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 C 4-58 can contribute to increase reliability of your production processes. We nevertheless recommend conducting an additional risk analysis, e.g. HACCP.

Application

Klüberfood NH1 C 4-58 is used for the lubrication of conveyor chain surfaces and guides made of plastic in beverage filling machines. It is designed to replace the use of high volumes of water-based suds which cause safety concerns and high waste-water treatment costs.

Application notes

Klüberfood NH1 C 4-58 can be used with 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	Klüberfood NH1 C 4-58
Canister 5 l	+
Canister 20 l	+

Product data	Klüberfood NH1 C 4-58
Article number	050098
NSF-H1 registration	144 464
Lower service temperature	-40 °C / -40 °F
Upper service temperature	135 °C / 275 °F
Density, DIN 51757, 20 °C	approx. 0.83 g/cm ³
Kinematic viscosity, DIN 51562 pt. 01/ASTM D-445/ASTM D 7042, 40 °C	approx. 46 mm ² /s
Viscosity index, DIN ISO 2909	>= 120
ISO viscosity grade, DIN ISO 3448	46
Pour point, DIN ISO 3016	<= -45 °C
Minimum shelf life from the date of manufacture - in a dry, frost-free place and in the unopened original container, approx.	60 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.

**Klüber Lubrication München SE & Co. KG /
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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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