

Klüberfood NH1 C 4-58

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



Your benefits at a glance

- 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

Your requirements - our solution

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 1 l	+
Canister 5 l	+
Canister 20 l	+

Characteristics	Klüberfood NH1 C 4-58
Article number	050098
Service temperature, lower limit	-40 °C
Service temperature, upper limit	135 °C
NSF H1 registration number	144464
Density, DIN 51757, 20°C	approx. 0.83 g/cm ³

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Characteristics	Klüberfood NH1 C 4-58
ISO viscosity grade, DIN ISO 3448, ISO VG	46
Kinematic viscosity, DIN EN ISO 3104 / DIN 51562-1 / ASTM D445 / ASTM D7042, 40°C	approx. 46 mm ² /s
Viscosity index, DIN ISO 2909	≥ 120
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	

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 90 years.

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