

Klüberfood NH1 CH 2-220 Spray

High-temperature chain oil for the food-processing and pharmaceutical industries



Your benefits at a glance

- Extended chain life through enhanced wear protection
- Low oil consumption due to the low tendency to evaporation of the ester oil used
- NSF H1-registered for increased process reliability

Your requirements - our solution

Klüberfood NH1 CH 2-220 Spray is a synthetic high-temperature chain oil. It contains additives which provide very good wear protection. Moreover, the oil shows a low tendency to evaporation even at high temperatures.

Klüberfood NH1 CH 2-220 Spray 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 CH 2-220 Spray 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 2-220 Spray was developed for the lubrication of drive and transport chains operating at high temperatures. It is preferred for baking oven chains and other high-temperature applications in the food-processing-industry.

Do not use the spray in confined areas, e.g. control cabinets. You will find further information on the product label.

Application notes

- Do not spray on a naked flame or any incandescent material and keep away from sources of ignition.
- In case of contact with elastomers and plastics their resistance to Klüberfood NH1 CH 2-220 Spray should be checked
- Optimisation of relubrication intervals and quantities is possible due to the low evaporation losses

Protect Klüberfood NH1 CH 2-220 Spray against direct sunlight and temperatures above 50 °C.

We will be glad to support you with application-specific advice. 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 2-220 Spray
Aerosol can 400 ml	+

Product data	Klüberfood NH1 CH 2-220 Spray
Article number	081310
NSF-H1 registration	142 052
Chemical composition, type of oil	ester oil
Lower service temperature	0 °C / 32 °F
Upper service temperature	250 °C / 482 °F
Colour space	yellow
Density, DIN 51757, 20 °C	approx. 0.96 g/cm ³



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Product data	Klüberfood NH1 CH 2-220 Spray
Kinematic viscosity, DIN 51562 pt. 01/ASTM D-445/ASTM D 7042, 40 °C	approx. 220 mm ² /s
Kinematic viscosity, DIN 51562 pt. 01/ASTM D-445/ASTM D 7042, 100 °C	approx. 17 mm ² /s
Viscosity index, DIN ISO 2909	>= 70
Minimum shelf life from the date of manufacture - in a dry, frost-free place and in the unopened original container, approx.	36 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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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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