

# Klüberfood NH1 K 32

Anticorrosion lubricant for the food and pharmaceutical industries



## Your benefits at a glance

- Good anti-corrosion protection for wet areas subject to frequent wash down
- Repels moisture, increasing level of protection to steel surfaces and corrosion resistance
- NSF H1 registered supporting process reliability

## Your requirements - our solution

Klüberfood NH1 K 32 is a transparent "grease-like" anticorrosive film for the protection of ferrous metals. This special lubricant has been designed to comply with the particular requirements of the food-processing industry.

Klüberfood NH1 K 32 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 K 32 can contribute to increase reliability of your production processes. We nevertheless recommend conducting an additional risk analysis, e.g. HACCP.

## Application

Klüberfood NH1 K 32 has been designed for the lubrication of application areas where technically unavoidable contact with the food product may occur.

When applied on to metal components a homogeneous penetrative film is formed which repels moisture.

## Application notes

To ensure optimum surface preservation apply a thin uniform film ensuring all areas are evenly coated.

Klüberfood NH1 K 32 can be applied by brush or spray gun.

For large areas the use of a spray gun is also possible.

Please shake or stir before use.

## Material safety data sheets

Material safety data sheets can be requested via our website [www.klueber.com](http://www.klueber.com). You may also obtain them through your contact person at Klüber Lubrication.

Pack sizes	Klüberfood NH1 K 32
Canister 1 l	+
Canister 5 l	+
Canister 20 l	+
Drum 200 l	+

Characteristics	Klüberfood NH1 K 32
Article number	047079
Appearance	turbid
Service temperature, lower limit	0 °C
Service temperature, upper limit	80 °C
NSF H1 registration number	138106

# Klüberfood NH1 K 32

Anticorrosion lubricant for the food and pharmaceutical industries



Characteristics	Klüberfood NH1 K 32
Density, Klüber method: PN 024, 20°C	0.81 g/cm <sup>3</sup>
Corrosion test, DIN EN ISO 6270-2, AHT	≥ 1 (40) corrosion degree (cycles)
Minimum shelf life from the date of manufacture - in a dry, frost-free place and in the unopened 24 months original container, approx.	

## 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.

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