

Klüberfood NH1 14-222 Spray

Synthetic lubricating grease for universal application in the food- processing and pharmaceutical industries



Your benefits at a glance

- Fully synthetic grease for long relubrication intervals
- Easy spray application
- Facilitates product streamlining owing to its wide range of applications
- Offers improved surface protection through good water resistance
- NSF H1-registered increasing process reliability

Your requirements - our solution

Klüberfood NH1 14-222 Spray was developed to meet the special requirements of the food-processing and pharmaceutical industries.

Klüberfood NH1 14-222 Spray is a speciality grease based on a synthetic hydrocarbon oil and an aluminium complex soap.

Klüberfood NH1 14-222 Spray is NSF H1 registered and 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 14-222 Spray can contribute to increase safety of your production processes. We nevertheless recommend conducting an additional risk analysis, e.g. HACCP.

Application

Klüberfood NH1 14-222 Spray is used in machines, installations and equipment of the food-processing and pharmaceutical industries, particularly for lubrication points that may have incidental and technically unavoidable contact with the food product.

This lubricant is intended for the universal lubrication of lifting cylinders, joints, guide rods and rails, cams, etc.

Application notes

Shake well before use and then spray. Ensure sufficient ventilation as explosive mixtures may form.

Do not spray on naked flame, incandescent or hot objects. Please do not use spray in enclosed space, e.g. electrical cabinets.

Observe additional application notes in the material safety data sheet and on the can label.

Before applying Klüberfood NH1 14-222 Spray, the lubrication points should be thoroughly cleaned so as to ensure maximum hygiene, which is mandatory for H1 lubrication.

If the production process does not allow for the machines and components to be cleaned, the grease can be replaced by relubrication. In this case, perfect H1 lubrication is only achieved after a certain time.

We will be pleased to offer advice in all questions regarding the miscibility of greases or relubrication procedures.

Protect product against direct sunlight and temperatures above 50 °C.

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

Aerosol can 400 ml

Klüberfood NH1 14-222 Spray

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Characteristics	Klüberfood NH1 14-222 Spray
Article number	081280
Colour space	beige
Texture	homogeneous
Service temperature, lower limit	-25 °C
Service temperature, upper limit	120 °C
NSF H1 registration number	137476
Density, Klüber method: PN 024, 20°C	approx. 0.94 g/cm ³
NLGI grade, DIN 51818	2
Worked penetration, DIN ISO 2137 / ASTM D217, 25°C, lower limit	265 0.1 mm
Worked penetration, DIN ISO 2137 / ASTM D217, 25°C, upper limit	295 0.1 mm
Low temperature torque, IP 186, -25°C, running torque	≤ 100 mNm
Low temperature torque, IP 186, -25°C, starting torque	≤ 1000 mNm
Dropping point, DIN ISO 2176 / IP 396	≥ 220 °C
Minimum shelf life from the date of manufacture - in a dry, frost-free place and in the unopened original container, approx. 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 90 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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