

Klübersynth UH1 64-2403

Synthetic sealing grease for the food-processing and pharmaceutical industries



Benefits for your application

- Offers very good resistance to hot and cold water and steam, extending maintenance intervals
- ISO 21469 certified – supports the compliance with the hygienic requirements in your production. You will find further information about ISO Standard 21469 on our website www.klueber.com.
- Certified acc. to international standards, e.g. UBA (DVGW-KTW), WRAS, NSF Standard 61, NSF H1, Halal (HFCE)

Description

Klübersynth UH1 64-2403 has been especially developed for the food-processing and pharmaceutical industries. Klübersynth UH1 64-2403 is resistant to hot and cold water.

Klübersynth UH1 64-2403 is NSF H1 registered and therefore complies with FDA 21 CFR § 178.3570. In addition this grease is Halal certified (HFCE) and related drinking water certificates such as UBA (DVGW-KTW), WRAS and NSF Standard 61 are available.

Klübersynth UH1 64-2403 was developed for incidental contact with products and packaging materials in the food-processing, cosmetics, pharmaceutical or animal feed industries. The use of Klübersynth UH1 64-2403 can contribute to increase reliability of your production processes. We nevertheless recommend conducting an additional risk analysis, e.g. HACCP.

Application

Klübersynth UH1 64-2403 is a special grease suitable for filters, stuffing boxes, rubber diaphragms and seals.

Application notes

Klübersynth UH1 64-2403 may be applied by brush, spatula or grease gun, or simply by squeezing it out of the tube.

Note: Klübersynth UH1 64-2403 is normally compatible with most elastomer types, however we recommend the use of PARALIQ GTE 703 for filling taps with EPDM seals (ethylene-propylene-diene rubber).

Variations in the colour of products manufactured by means of chemical processes are a common phenomenon. Possible causes are, for example, variations in the colour of natural raw materials. All these colour variations, however, are in no way an indication of a change in the quality of the product.

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	Klübersynth UH1 64-2403
Tube 45 g	+
Can 1 kg	+
Bucket 25 kg	+

Product data	Klübersynth UH1 64-2403
Article number	096039
NLGI grade, DIN 51818	3
NSF-H1 registration	056 363
Chemical composition, type of oil	synthetic hydrocarbon oil
Chemical composition, thickener	silicate
Lower service temperature	-10 °C / 14 °F
Upper service temperature	140 °C / 284 °F
Colour space	beige



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Product data	Klübersynth UH1 64-2403
Texture	homogeneous
Worked penetration, DIN ISO 2137, 25 °C, lower limit value	220 x 0.1 mm
Worked penetration, DIN ISO 2137, 25 °C, upper limit value	250 x 0.1 mm
Shear viscosity at 25 °C, shear rate 300 s ⁻¹ , equipment: rotational viscometer, lower limit value	8 000 mPas
Shear viscosity at 25 °C, shear rate 300 s ⁻¹ , equipment: rotational viscometer, upper limit value	20 000 mPas
Water resistance, DIN 51807 pt. 01, 3 h/90 °C, rating	0 - 90
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 80 years.

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