

Klübersynth UH1 64-2403

Synthetic sealing grease for the food-processing and pharmaceutical industries

Benefits for your application

- Facilitates the reliable operation of beverage dispensing installations owing to its neutrality towards taste and beer froth
 - 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.
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Description

Klübersynth UH1 64-2403 has been especially developed for the food-processing and pharmaceutical industries. It is registered as NSF H1 and therefore complies with FDA 21 CFR § 178.3570.

The use of Klübersynth UH 1 64-2403 is a contributor towards the supporting of food safety. This needs to be considered not in isolation but in line with other appropriate actions which have by law to be fulfilled by a food manufacturing plant to allow for food to be manufactured safely.

Klübersynth UH1 64-2403 is resistant to hot and cold water and does not impair the formation of froth or the taste of beer.

Application

Klübersynth UH1 64-2403 is a special grease suitable for beer taps, barrel filling installations, 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).

Minimum shelf life

The minimum shelf life is approx. 24 months if the product is stored in its unopened original container in a dry, frost-free place.

Pack sizes

45 g tube
1 kg can
25 kg bucket

Material safety data sheets

Material safety data sheets can be downloaded or requested via our website www.klueber.com. You may also obtain them through your contact person at Klüber.

* Owing to the many different elastomer compositions, we recommend having their compatibility checked by the elastomer manufacturer prior to series application.



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Product data	Klübersynth UH1 64-2403
Article number	096039
Chemical composition, oil type	synthetic hydrocarbon oil
Chemical composition, thickener	silicate
Service temperature range*, [°C]	-10 to 140
Colour	light-brown
Texture	homogeneous
Consistency class DIN 51818, NLGI	3
Worked penetration at 25 °C, DIN ISO 2137; [0.1 mm]	220 to 250
Shear viscosity at 25 °C, shear rate 300 s ⁻¹ , device: rotational viscosimeter, [mPas]	8 000 – 20 000
Water resistance, DIN 51807 pt 1, 3h/90 °C, rating level	0-90
NSF H1 registration**, registration no.	056363

* Service temperatures are guide values which depend on the lubricant's composition, the intended use and the application method. Lubricants change their consistency, shear viscosity or viscosity depending on the mechano-dynamical loads, time, pressure and temperature. These changes in product characteristics may affect the function of a component.

** This lubricant is registered as H1, which means that it has been designed for incidental, technically unavoidable food contact. Experience shows that it can be used for equivalent applications in the cosmetic and pharmaceutical industry under the conditions described in the product information leaflet. Specific test results as e.g. biocompatibility, which could be an additional requirement for applications in the pharmaceutical industry, are not available for this product. Therefore, before using the lubricant adequate risk analyses should be performed and, if necessary, suitable measures be taken by the manufacturer and user of installations in order to exclude the risk of health hazards and personal injuries.

Lubrication is our world

With more than 2000 products available around the world, you can be sure that Klüber has the right product for your application. Please contact Klüber Lubrication specialists worldwide to assist you in all matters regarding lubrication.

www.klueber.com

Klüber Lubrication München KG, Geisenhausenerstraße 7, 81379 München, Germany, Phone +49 89 7876-0, Fax +49 89 7876-333.

The data in this product information is based on our general experience and knowledge at the time of printing 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 tests with the selected product. We recommend contacting our Technical Consulting Staff to discuss your specific application. If required and possible we will be pleased to provide a sample for testing. Klüber products are continually improved. Therefore, Klüber Lubrication reserves the right to change all the technical data in this product information at any time without notice.



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