

CATENERA KSB 6, 8, 12

Adhesive dampening greases of medium to high shear viscosity



Benefits for your application

- **More comfortable operation (haptics) of mechanical components as friction points are dampened by the lubricant**
- **Better component function e.g. due to good adhesion retaining the lubricant at the friction point**
- **CATENERA KSB 8 is certified according to NSF ISO 21469, supporting the compliance with the hygienic requirements in your production. You will find further information about ISO Standard 21469 on our website www.klueber.com**

Description

CATENERA KSB 6, 8, 12 are adhesive dampening greases based on synthetic hydrocarbon, ester and paraffin oil. They contain silicate as thickener.

In the food and pharmaceuticals industries, CATENERA KSB 8 may be preferably used for applications where technically unavoidable contact with the food product cannot be excluded.

CATENERA KSB 8 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 CATENERA KSB 8 can contribute to increase reliability of your production processes. We nevertheless recommend conducting an additional risk analysis, e.g. HACCP.

CATENERA KSB is available in three shear viscosity grades in order to meet dampening and adhesion requirements.

For even higher shear viscosities we refer to the Klübersynth RA greases.

Application notes

CATENERA KSB greases can be applied by brush, spatula, grease gun, automatic metering systems for small quantities, grease cartridge and the usual metering systems. Owing to the many different elastomer and plastic compositions their compatibility has to be checked prior to series application.

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.

Application

CATENERA KSB greases are used for friction points requiring high mechanical dampening and good adhesion, e.g. low-speed rolling and plain bearings, small gears, threaded spindles, eyepieces and binoculars.

Pack sizes	CATENERA KSB 6	CATENERA KSB 8	CATENERA KSB 12
Can 1 kg	+	+	+
Bucket 25 kg	+	+	+

Product data	CATENERA KSB 6	CATENERA KSB 8	CATENERA KSB 12
Article number	007002	007003	007004
NSF-H1 registration		113 755	
Chemical composition, type of oil	paraffinic mineral oil	paraffinic mineral oil	paraffinic mineral oil
Chemical composition, type of oil	ester oil	ester oil	ester oil



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Product data	CATENERA KSB 6	CATENERA KSB 8	CATENERA KSB 12
Chemical composition, thickener	silicate	silicate	silicate
Lower service temperature	-35 °C / -31 °F	-30 °C / -22 °F	-30 °C / -22 °F
Upper service temperature	120 °C / 248 °F	120 °C / 248 °F	120 °C / 248 °F
Colour space	brown	beige	beige
Texture	long-fibred	fibrous	fibrous
Texture	homogeneous	homogeneous	homogeneous
Appearance	almost transparent	almost transparent	almost transparent
Density at 20 °C	approx. 0.93 g/cm ³	approx. 0.93 g/cm ³	approx. 0.93 g/cm ³
Worked penetration, DIN ISO 2137, 25 °C, lower limit value	350 x 0.1 mm	260 x 0.1 mm	180 x 0.1 mm
Worked penetration, DIN ISO 2137, 25 °C, upper limit value	390 x 0.1 mm	300 x 0.1 mm	220 x 0.1 mm
Shear viscosity at 25 °C, shear rate 300 s ⁻¹ , equipment: rotational viscometer, lower limit value	4 000 mPas	6 000 mPas	8 000 mPas
Shear viscosity at 25°C, shear rate 300 s ⁻¹ , equipment:rotational viscometer, upper limit value	7 000 mPas	10 000 mPas	20 000 mPas
Minimum shelf life from the date of manufacture - in a dry, frost-free place and in the unopened original container, approx.	18 months	12 months	18 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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