

CATENERA KSB 6, 8, 12

Adhesive dampening greases of medium to high apparent dynamic viscosity



Description

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

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.

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

For even higher apparent dynamic viscosities we refer to the OPTAPLUS AO 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 applications.

Minimum shelf life

The minimum shelf life is approx. 12 months if the product is stored in its unopened original container in a dry frost-free place.

CATENERA KSB 6, 8, 12

- Dampening effect
- Good adhesion
- Improves haptics

Pack sizes

1 kg can
25 kg metal bucket

Product data

CATENERA	KSB 6	KSB 8	KSB 12
Base oil	synthetic hydrocarbon, ester, paraffin oil	synthetic hydrocarbon, ester, paraffin oil	synthetic hydrocarbon, ester, paraffin oil
Thickener	silicate	silicate	silicate
Service temperature range*, [°C]	- 35 to 120	-30 to 120	-30 to 120
Color	light brown	light brown	light brown
Appearance	almost transparent	almost transparent	almost transparent
Texture	homogeneous, long-fibred	homogeneous, fibrous	homogeneous, fibrous
Density at 20[°C], [g/cm ³]	0.93	-	-
Worked penetration, DIN ISO 2137, at 25 [°C], [0.1 mm]	350 - 390	260 - 300	180 - 220
Apparent dynamic viscosity at 25 °C, shear rate 300 s ⁻¹ , device: HAAKE, [mPas], approx.	3000 - 5000	6000 - 10000	8000 - 20000

* Service temperatures are guide values which depend on the lubricant's composition, the intended use and the application method. Lubricants change their consistency, apparent dynamic 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.

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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Klüber Lubrication München KG
Geisenhausenerstraße 7, 81379 München, Deutschland
☎ +49 89 7876-0, Telefax +49 89 7876-333, www.klueber.com