

CENTOPLEX CX 4/375 AU

High-speed grease for gears



Description

CENTOPLEX CX 4/375 AU is a special lubricating grease based on mineral oil and lithium soap. It is a very soft grease of consistency class 0.

Pack sizes

1 kg can
25 kg bucket

CENTOPLEX CX 4/375 AU

- High-speed grease for gears
- Shear stable
- Good oil separation at low temperatures

Application

Being a grease of very low consistency CENTOPLEX CX 4/375 AU is suitable for small gears subject to high speeds, especially bevel gears in right angle grinders. At temperatures < 80°C long-term lubrication is possible.

Application notes

CENTOPLEX CX 4/375 AU can be applied onto the tooth flanks by brush in order to allow minimum quantity lubrication. Lubrication is also possible by providing a grease sump in the gear. Due to the good oil separation, wetting of the lubrication points in gears or bearings is ensured.

CENTOPLEX CX 4/375 AU can also be applied through central automatic lubrication systems.

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.

Product data

Base oil	mineral oil
Thickener	lithium soap
Service temperature range*, [°C] lower limit value, approx. upper limit value	-30 120
Color	brown
Aspect	almost transparent
Texture	homogeneous
Cone penetration, DIN ISO 2137, worked penetration, 25 °C lower limit value, [0.1 mm] upper limit value, [0.1 mm]	355 385
Corrosion protection, DIN 51802 (SKF-EMCOR), testing time 1 week, distilled water, corrosion degree	≤ 1
Oil separation, DIN 51817, 7d/40 °C, [% by wt.]	≤ 7
Flow pressure, DIN 51805, -30 °C, [mbar]	≤ 1400
Drop point, DIN ISO 2176, [°C]	≥ 150

* 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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