

CENTOPLEX CX 4 375 AU

High-speed grease for gears



Your benefits at a glance

- For small gears subject to high peripheral speeds
- Shear stable
- Good oil separation at low temperatures

Your requirements - our solution

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 grade 0.

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.

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	CENTOPLEX CX 4/375 AU
Cartridge 400 g	+
Can 1 kg	+
Bucket 25 kg	+
Drum 170 kg	+

Characteristics	CENTOPLEX CX 4/375 AU
Article number	020047
Composition, thickener	lithium soap
Composition, type of oil	mineral oil
Appearance	almost transparent
Colour space	brown
Texture	homogeneous
Service temperature, lower limit	-30 °C
Service temperature, upper limit	120 °C

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Characteristics	CENTOPLEX CX 4/375 AU
Worked penetration, DIN ISO 2137 / ASTM D217, 25°C, lower limit	355 0.1 mm
Worked penetration, DIN ISO 2137 / ASTM D217, 25°C, upper limit	385 0.1 mm
SKF-EMCOR, DIN 51802, Klüber method: distilled water, 168 h	≤ 1 corrosion degree
Oil separation, DIN 51817 N, 168 h, 40°C	≤ 7 % by weight
Flow pressure, DIN 51805-2, -30°C	≤ 1400 mbar
Dropping point, DIN ISO 2176 / IP 396	≥ 150 °C
Minimum shelf life from the date of manufacture - in a dry, frost-free place and in the unopened original container, approx. 36 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 90 years.

Klüber Lubrication München GmbH & Co. KG /
Geisenhausenerstraße 7 / 81379 München / Germany /
phone +49 89 7876-0 / fax +49 89 7876-333.

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