

CENTOPLEX CX 4 375

High-speed gear grease



Your benefits at a glance

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

Your requirements - our solution

High-speed gears require good oil supply already at low temperatures to reduce friction and wear.

This is facilitated by CENTOPLEX CX 4/375 with its very soft consistency. In combination with the lithium soap thickener, the selected mineral oils support good backflow behaviour to optimise the required separation of the friction bodies.

Due to the good oil separation, good wetting of all moving friction points in the gearbox and the bearings can be attained.

Application

Due to its soft consistency, CENTOPLEX CX 4/375 may be used in particular in small gears running at high speeds. An application

example is a right angle grinder containing bevel gears. At temperatures <80 °C, long-term lubrication is feasible.

Application notes

For minimum-quantity lubrication, CENTOPLEX CX 4/375 can be applied to the tooth flanks by brush.

Application via a grease sump in the gearbox or automatic pumping systems is also possible.

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
Can 1 kg	+
Bucket 25 kg	+
Drum 180 kg	+

Characteristics	CENTOPLEX CX 4/375
Article number	020051
Composition, thickener	lithium soap
Composition, type of oil	mineral oil
Appearance	almost transparent
Colour space	brown
Density, Klüber method: PN 024, 20°C	approx. 0.9 g/cm ³
Worked penetration, DIN ISO 2137 / ASTM D217, 25°C, lower limit	365 0.1 mm
Worked penetration, DIN ISO 2137 / ASTM D217, 25°C, upper limit	380 0.1 mm

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Characteristics	CENTOPLEX CX 4/375
Kinematic viscosity of the base oil, DIN EN ISO 3104 / DIN 51562-1 / ASTM D445 / ASTM D7042, 100°C	approx. 9.5 mm ² /s
Kinematic viscosity of the base oil, DIN EN ISO 3104 / DIN 51562-1 / ASTM D445 / ASTM D7042, 40°C	approx. 110 mm ² /s
Dropping point, DIN ISO 2176 / IP 396	approx. 170 °C
Minimum shelf life from the date of manufacture - in a dry, frost-free place and in the unopened original container, approx.	24 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.

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