

# CENTOPLEX CX 4 375 AU

High-speed grease for gears



## Benefits for your application

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

## 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 grade 0.

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.

## 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.

## Material safety data sheets

Material safety data sheets can be downloaded or requested via our website [www.klueber.com](http://www.klueber.com). You may also obtain them through your contact person at Klüber Lubrication.

## Application notes

CENTOPLEX CX 4/375 AU can be applied onto the tooth flanks by brush in order to allow minimum quantity lubrication.

| Pack sizes   | CENTOPLEX CX 4/375 AU |
|--------------|-----------------------|
| Can 1 kg     | +                     |
| Bucket 25 kg | +                     |



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| Product data   | CENTOPLEX CX 4/375 AU |
|--|-----------------------|
| Article number   | 020047                |
| Chemical composition, type of oil  | mineral oil           |
| Chemical composition, thickener  | lithium soap          |
| Lower service temperature  | -30 °C / -22 °F       |
| Upper service temperature  | 120 °C / 248 °F       |
| Colour space   | brown                 |
| Appearance   | almost transparent    |
| Texture  | homogeneous           |
| Worked penetration, DIN ISO 2137, 25 °C, lower limit value   | 355 x 0.1 mm          |
| Worked penetration, DIN ISO 2137, 25 °C, upper limit value   | 385 x 0.1 mm          |
| Corrosion inhibiting properties of lubricating greases, DIN 51802, (SKF-EMCOR), test duration: 1 week, distilled water       | <= 1 corrosion degree |
| Oil separation, DIN 51817 N, after 7 d/40 °C   | <= 7 % by weight      |
| Flow pressure of lubricating greases, DIN 51805, test temperature: -30 °C  | <= 1 400 mbar         |
| Drop point, DIN ISO 2176   | >= 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 80 years.

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