

# CENTOPLEX 2 EP

Multi-purpose grease with EP additives



## Benefits for your application

- Multi-purpose grease
- Good corrosion protection
- Shear stable

## Description

CENTOPLEX 2 EP is a lubricating grease based on a lithium soap thickener and special mineral oils. It also contains EP additives which improve wear protection. CENTOPLEX 2 EP is resistant to oxidation, offers good low-temperature properties, protects against corrosion and is shear stable.

## Application

CENTOPLEX 2 EP can be used for the lubrication of rolling and plain bearings, guides, threaded spindles and other machine elements. This grease has also been designed for the lubrication of gears subject to high loads.

## Application notes

CENTOPLEX 2 EP can be applied by grease gun, brush or spatula or through automatic systems. Please observe the instructions given by the manufacturer.

## Material safety data sheets

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

Pack sizes	CENTOPLEX 2 EP
Cartridge Polypropylene (PP) 400 g	+
Can 1 kg	+
Bucket 25 kg	+

Product data	CENTOPLEX 2 EP
Article number	020071
Chemical composition, type of oil	mineral oil
Chemical composition, thickener	lithium soap
Lower service temperature	-20 °C / -4 °F
Upper service temperature	130 °C / 266 °F
Colour space	brown
Texture	homogeneous
Texture	fibrous
Density at 20 °C	approx. 0.90 g/cm <sup>3</sup>
NLGI grade, DIN 51818	2
Worked penetration, DIN ISO 2137, 25 °C, upper limit value	295 x 0.1 mm
Worked penetration, DIN ISO 2137, 25 °C, lower limit value	265 x 0.1 mm
Shear viscosity at 25 °C, shear rate 300 s <sup>-1</sup> , equipment: rotational viscometer, lower limit value	4 000 mPas
Shear viscosity at 25 °C, shear rate 300 s <sup>-1</sup> , equipment: rotational viscometer, upper limit value	8 000 mPas
Kinematic viscosity of the base oil, DIN 51562 pt. 01/ASTM D-445/ASTM D 7042, 40 °C	approx. 180 mm <sup>2</sup> /s



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Product data	CENTOPLEX 2 EP
Kinematic viscosity of the base oil, DIN 51562 pt. 01/ASTM D-445/ASTM D 7042, 100 °C	approx. 14 mm <sup>2</sup> /s
Corrosion inhibiting properties of lubricating greases, DIN 51802, (SKF-EMCOR), test duration: 1 week, distilled water	<= 1 corrosion degree
Drop point, DIN ISO 2176, IP 396	>= 190 °C
Speed factor (n x dm)	approx. 500 000 mm/min
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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The data in this document is based on our general experience and knowledge at the time of publication 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 field tests with the product selected for a specific application. All data are guide values which depend on the lubricant's composition, the intended use and the application method. The technical values of lubricants change depending on the mechanical, dynamical, chemical and thermal loads, time and pressure. These changes may affect the function of a component. We recommend contacting us to discuss your specific application. If possible we will be pleased to provide a sample for testing on request. Klüber products are continually improved. Therefore, Klüber Lubrication reserves the right to change all the technical data in this document at any time without notice.

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