

# CENTOPLEX 0 EP, CENTOPLEX 2 EP

Multi-purpose greases with EP additives



## Description

CENTOPLEX 0 EP and 2 EP are lubricating greases based on a lithium soap thickener and special mineral oils. They also contain EP additives which improve wear protection.

CENTOPLEX 0 EP and 2 EP are resistant to oxidation, offer good low-temperature properties, protect against corrosion and are shear stable.

## Application

CENTOPLEX 0 EP and 2 EP greases can be used for the lubrication of rolling and plain bearings, guides, threaded spindles and other machine elements. These greases have also been designed for the lubrication of gears subject to high loads.

## Application notes

CENTOPLEX 0 EP and 2 EP can be applied by grease gun, brush or spatula or through automatic systems. Please observe the instructions given by the manufacturer.

## 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.

## Pack sizes

1 kg can \*  
25 kg bucket  
400 g cartridge \*

\* (only CENTOPLEX 2 EP)

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.

## CENTOPLEX 0 EP and CENTOPLEX 2 EP

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

## Product data

CENTOPLEX	0 EP	2 EP
Article number	020126	020071
Composition, oil type	mineral oil	
Composition, thickener	lithium soap	
Colour	light-brown	
Texture	homogeneous, fibrous	
Service temperature range*, [°C], approx.	-25 to 110	-20 to 130
Density, at 20 °C, [g/cm <sup>3</sup> ], approx.	0,9	
Drop point, DIN ISO 2176, [°C], approx.	170	> 190
Cone penetration of lubricating greases, DIN ISO 2137, worked penetration, 25 °C, [0.1 mm]	355 - 385	265 - 295
Consistency, DIN ISO 51818, [NLGI]	0	2
Apparent dynamic viscosity, viscosity class***	EL/L	M
Kinematic viscosity of the base oil, DIN 51562 pt. 01, Ubbelohde, 40 °C, [mm <sup>2</sup> /s], approx.	130	180
100 °C, [mm <sup>2</sup> /s], approx.	11	14
Speed factor**, (n x dm), [mm/min.], approx.	500,000	
Corrosion protection of lubricating greases, DIN 51802, (SKF-EMCOR). Duration of test: 1 week, distilled water, corrosion degree	≤ 1	

\* 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 mechanical-dynamical loads, time, pressure and temperature. These changes in product characteristics may affect the function of a component.

\*\* Speed factors are guide values which depend on the type and size of the rolling bearing type and the local operating conditions, which is why they have to be confirmed in tests carried out by the user in each individual case.

\*\*\* Klüber viscosity grades: EL = extra light lubricating grease; L = light lubricating grease; M = medium lubricating grease; S = heavy lubricating grease; ES = extra heavy lubricating grease

Klüber Lubrication München KG, Geisenhausenerstraße 7, 81379 München, Germany, phone +49 89 7876-0, fax +49 89 7876-333.

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.



Klüber Lubrication, a company of the Freudenberg Group

Publisher and Copyright: Klüber Lubrication München KG. Reprints, total or in part, are permitted if source is indicated and voucher copy is forwarded.