

# CENTOPLEX GLP 500

Fluid multipurpose grease for long-term lubrication



## Benefits for your application

- Multipurpose grease for long-term lubrication
- High pressure absorption capacity
- Applicable through central lubrication systems, especially single-line lubrication systems

## Description

CENTOPLEX GLP 500 is a fluid multipurpose grease for the long-term lubrication at normal temperatures and high loads.

## Application notes

CENTOPLEX GLP 500 can be applied through the usual applications systems (e.g. spatula, grease gun).

## Application

CENTOPLEX GLP 500 was especially designed for friction points subject to high loads, e.g. rolling bearings, plain bearings, guides, threaded spindles and other highly stressed machine elements. This universal lubricating grease is used for the lubrication of highly loaded, oil-tight spur and bevel gears (e.g. gear motors, small gears), worm gears with steel/steel material combinations and denture clutches. CENTOPLEX GLP 500 is also suitable for the lubrication of linear guides, e.g. in machine tools, as well as in assembly and conveyor systems equipped with central lubrication installations.

## 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 GLP 500 |
|--------------|-------------------|
| Can 1 kg     | +                 |
| Bucket 25 kg | +                 |
| Drum 180 kg  | +                 |

| Product data                                                                        | CENTOPLEX GLP 500              |
|-------------------------------------------------------------------------------------|--------------------------------|
| Article number                                                                      | 020181                         |
| Chemical composition, type of oil                                                   | mineral oil                    |
| Chemical composition, thickener                                                     | lithium soap                   |
| Lower service temperature                                                           | -30 °C / -22 °F                |
| Upper service temperature                                                           | 100 °C / 212 °F                |
| Colour space                                                                        | brown                          |
| Density at 20 °C                                                                    | approx. 0.94 g/cm <sup>3</sup> |
| Worked penetration, acc. to Klein, 25 °C, lower limit value                         | 700 x 0.1 mm                   |
| Worked penetration, acc. to Klein, 25 °C, upper limit value                         | 800 x 0.1 mm                   |
| Kinematic viscosity of the base oil, DIN 51562 pt. 01/ASTM D-445/ASTM D 7042, 40 °C | approx. 110 mm <sup>2</sup> /s |



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| Product data                                                                                                                 | CENTOPLEX GLP 500            |
|------------------------------------------------------------------------------------------------------------------------------|------------------------------|
| Kinematic viscosity of the base oil, DIN 51562 pt. 01/ASTM D-445/ASTM D 7042, 100 °C                                         | approx. 9 mm <sup>2</sup> /s |
| Copper corrosion, DIN 51811, (lubricating grease), 24h/100°C                                                                 | 1 - 100 corrosion degree     |
| 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 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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