

CENTOPLEX GLP 500

Fluid multipurpose grease for long-term lubrication



Description

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

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.

Application notes

CENTOPLEX GLP 500 can be applied through the usual applications systems (e.g. spatula, grease gun), or through central lubrication installations and metering systems. The grease is approved by numerous manufacturers of central lubrication systems.

Minimum shelf life

The minimum shelf life is approx. 24 months if the product is stored in its unopened original container in a dry place.

Pack sizes

1 kg can
25 kg bucket
180 kg drum

CENTOPLEX GLP 500

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

Product data

Chemical structure, oil type	mineral oil
Chemical structure, thickener	lithium soap
Service temperature range*, °C	-30 to 100
Colour	brown
Density at 20°C [g/cm ³], approx.	0.94
Cone penetration of lubricating greases acc. to Klein, worked penetration at 25 °C, lower limit value, [0.1 mm] approx.	700
Cone penetration of lubricating greases acc. to Klein, worked penetration at 25 °C, upper limit value, [0.1 mm] approx.	800
Kinematic viscosity of the base oil, DIN 51562 pt. 01, Ubbelohde, 40 °C, [mm ² /s], approx.	110
Kinematic viscosity of the base oil, DIN 51562 pt. 01, Ubbelohde, 100 °C, [mm ² /s], approx.	9.0
Copper corrosion, DIN 51811, (lubricating grease), 24h/100 °C, degree of corrosion	1 - 100

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

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.



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