

MICROLUBE GB 00

Fluid gear grease



Benefits for your application

- Fluid gear grease
- High pressure absorption capacity
- Good wear protection
- Good anticorrosion behaviour
- No channelling in case of immersion lubrication
- Pumpable through centralized systems

Description

MICROLUBE GB 00 is a special mineral oil based grease free from solid lubricants. It has a high pressure absorption capacity, provides excellent protection against wear and corrosion, shows good wetting behaviour, water resistance and backflow behaviour.

Application

MICROLUBE GB 00 is suitable for the lubrication of rams in mechanical presses, heavy-duty oiltight spur and bevel gears (e.g. gear motors, small gears), worm gears with steel/ steel components as well as toothed couplings. It is also suitable for the lubrication of sideways, guides and large chain drives.

Application notes

MICROLUBE GB 00 is suitable for the immersion lubrication of gears up to a peripheral speed of approx. 4 m/s. Forced-feed lubrication is possible at increased speeds.

MICROLUBE GB 00 can also be applied through centralized systems.

Material safety data sheets

Material safety data sheets can be requested via our website www.klueber.com. You may also obtain them through your contact person at Klüber Lubrication.

Pack sizes	MICROLUBE GB 00
Can 1 kg	+
Bucket 25 kg	+

Product data	MICROLUBE GB 00
Article number	020236
Colour space	red
Texture	homogeneous
Texture	fibrous
Density at 20 °C	approx. 0.90 g/cm ³
Worked penetration, DIN ISO 2137, 25 °C, lower limit value	430 x 0.1 mm
Worked penetration, DIN ISO 2137, 25 °C, upper limit value	475 x 0.1 mm
Base oil viscosity at 40 °C, calculated value	approx. 700 mm ² /s
Base oil viscosity at 100 °C, calculated value	approx. 35 mm ² /s
FZG scuffing test, based on DIN ISO 14635, A/2,76/50, scuffing load stage	>= 12
Minimum shelf life from the date of manufacture - in a dry, frost-free place and in the unopened original container, approx.	36 months



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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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