

# 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 slideways, 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](http://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. 0.93 g/cm <sup>3</sup> |
| 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 <sup>2</sup> /s |
| Base oil viscosity at 100 °C, calculated value   | approx. 35 mm <sup>2</sup> /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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