

# MICROLUBE GB 0

Universal high-performance lubricant



## Benefits for your application

- Universal high-performance lubricant
- High pressure absorption capacity
- Good wear protection
- Good anticorrosion behaviour
- Pumpable through centralized systems

## Description

MICROLUBE GB 0 is a special mineral oil based lubricant. It has a high pressure absorption capacity, provides excellent protection against wear and corrosion, and shows a good wetting behaviour and water resistance.

## Application notes

MICROLUBE GB 0 is applied by brush, spatula, grease gun or centralized lubrication system. Immersion lubrication of gears is possible up to a peripheral speed of approx. 3 m/s or via forced-feed lubrication.

## Application

MICROLUBE GB 0 was especially developed for friction points subject to high loads and mixed friction conditions. It is a universal grease suitable for the lubrication of eccentric presses (e.g. make Müller-Weingarten), heavy-duty spur and bevel gears with steel/steel components (e.g. gear motors that are not oiltight), slideways, guides and sump lubricated rolling bearings.

## 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 0
Can 1 kg	+
Bucket 25 kg	+
Drum 180 kg	+

Product data	MICROLUBE GB 0
Article number	020232
Texture	homogeneous
Colour space	red
Appearance	transparent
Density at 20 °C	approx. 0.90 g/cm <sup>3</sup>
Worked penetration, DIN ISO 2137, 25 °C, lower limit value	355 x 0.1 mm
Worked penetration, DIN ISO 2137, 25 °C, upper limit value	385 x 0.1 mm
Base oil viscosity at 40 °C, calculated value	approx. 590 mm <sup>2</sup> /s
Base oil viscosity at 100 °C, calculated value	approx. 31.5 mm <sup>2</sup> /s
Shear viscosity at 25 °C, shear rate 300 s <sup>-1</sup> ; equipment: rotational viscometer	approx. 3 000 mPas
Drop point, DIN ISO 2176, IP 396	> 180 °C



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Product data	MICROLUBE GB 0
Flow pressure of lubricating greases, DIN 51805, test temperature: -25 °C	< 1 400 mbar
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

## 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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