

MICROLUBE GLY 92

Special grease for the lubrication of rolling and plain bearings across a wide service temperature range



Your benefits at a glance

- Excellent low-temperature characteristics
- Good corrosion protection
- Good water resistance

Your requirements - our solution

MICROLUBE GLY 92 is a special grease incorporating a partially synthetic base and a lithium special soap thickener. The product is considered special in terms of its good corrosion protection characteristics and water resistance.

Application

MICROLUBE GLY 92 is intended for the lubrication of rolling and plain bearings, especially those subject to both high and low temperature influences. Special fields of application are cardan shafts, needle roller bearings, gears and motors as well as the fixed and detachable rope grips of ski lifts, where MICROLUBE GLY 92 has proven successful particularly due to its good low-temperature and anticorrosive characteristics.

Application notes

MICROLUBE GLY 92 may be applied by brush spatula or grease gun.

Compatibility with elastomers and plastic materials should be checked prior to series applications as constructional materials may vary greatly from differing manufacturers and suppliers.

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 GLY 92
Can 1 kg	+
Bucket 25 kg	+
Bucket 50 kg	+

Characteristics	MICROLUBE GLY 92
Article number	020203
Colour space	beige
Texture	fibrous , homogeneous
Service temperature, lower limit	-45 °C
Service temperature, upper limit	150 °C
Density, Klüber method: PN 024, 20°C	approx. 0.9 g/cm ³
NLGI grade, DIN 51818	2
Worked penetration, DIN ISO 2137 / ASTM D217, 25°C, lower limit	265 0.1 mm

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Characteristics	MICROLUBE GLY 92
Worked penetration, DIN ISO 2137 / ASTM D217, 25°C, upper limit	295 0.1 mm
Kinematic viscosity of the base oil, DIN EN ISO 3104 / DIN 53000-1, based on standard / ASTM D445 / ASTM D7042, 100°C	approx. 10.5 mm ² /s
Kinematic viscosity of the base oil, DIN EN ISO 3104 / DIN 53000-1, based on standard / ASTM D445 / ASTM D7042, 40°C	approx. 85 mm ² /s
SKF-EMCOR, DIN 51802, Klüber method: distilled water, 164 h	≤ 1 corrosion degree
Flow pressure, DIN 51805-2, -45°C	≤ 1400 mbar
Speed factor (n x dm)	approx. 500000 mm/min
Water resistance, DIN 51807-1, 3 h, 90°C	≤ 1 - 90 rating
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 95 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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