

MICROLUBE GBU-Y 131

Special grease for the lubrication of rolling and plain bearings subject to humidity and water



Your benefits at a glance

- Good pressure absorption capacity
- High resistance to water
- Good corrosion protection

Your requirements - our solution

MICROLUBE GBU-Y 131 is a special grease incorporating a semi synthetic base oil and metal complex soap thickener. This special combination greatly influences the load carrying capacity, water resistance and corrosion protective characteristics of the grease.

Application

MICROLUBE GBU-Y 131 is intended for the lubrication of plain and rolling bearings operating under medium to high loads as well as under the influence of humidity and water. MICROLUBE GBU-Y 131 has proven particularly successful for lubrication of the fixed or detachable rope grips of ski lifts.

Application notes

MICROLUBE GBU-Y 131 can be applied by brush, spatula, grease gun or grease cartridge. 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 GBU-Y 131
Cartridge 400 g	+
Can 1 kg	+
Bucket 25 kg	+

Characteristics	MICROLUBE GBU-Y 131
Article number	017117
Colour space	beige
Texture	fibrous , homogeneous
Service temperature, lower limit	-25 °C
Service temperature, upper limit	150 °C
Density, Klüber method: PN 024, 20°C	approx. 0.95 g/cm ³
NLGI grade, DIN 51818	1
Worked penetration, DIN ISO 2137 / ASTM D217, 25°C, lower limit	310 0.1 mm

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Characteristics	MICROLUBE GBU-Y 131
Worked penetration, DIN ISO 2137 / ASTM D217, 25°C, upper limit	340 0.1 mm
Kinematic viscosity of the base oil, DIN EN ISO 3104 / DIN 51562-1 / ASTM D445 / ASTM D7042, 100°C	approx. 15 mm ² /s
Kinematic viscosity of the base oil, DIN EN ISO 3104 / DIN 51562-1 / ASTM D445 / ASTM D7042, 40°C	approx. 130 mm ² /s
SKF-EMCOR, DIN 51802, Klüber method: distilled water, 168 h	≤ 1 corrosion degree
Flow pressure, DIN 51805-2, -25°C	≤ 1400 mbar
Speed factor (n x dm)	approx. 500000 mm/min
Water resistance, DIN 51807-1, 3 h, 90°C	0 - 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 90 years.

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