

# MICROLUBE GBU-Y 131

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



## Benefits for your application

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

## Description

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](http://www.klueber.com). You may also obtain them through your contact person at Klüber Lubrication.

Pack sizes	MICROLUBE GBU-Y 131
Cartridge 400 g	+
Bucket 25 kg	+
Can 1 kg	+



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

Product data	MICROLUBE GBU-Y 131
Article number	017117
Upper service temperature	150 °C / 302 °F
Lower service temperature	-25 °C / -13 °F
NLGI grade, DIN 51818	1
Kinematic viscosity of the base oil, DIN 51562 pt. 01/ASTM D-445/ASTM D 7042, 40 °C	approx. 130 mm <sup>2</sup> /s
Kinematic viscosity, DIN 51562 pt. 01/ASTM D-445/ASTM D 7042, 100 °C	approx. 15 mm <sup>2</sup> /s
Worked penetration, DIN ISO 2137, 25 °C, upper limit value	340 x 0.1 mm
Worked penetration, DIN ISO 2137, 25 °C, lower limit value	310 x 0.1 mm
Density at 20 °C	approx. 0.95 g/cm <sup>3</sup>
Flow pressure of lubricating greases, DIN 51805, test temperature: -25 °C	<= 1 400 mbar
Speed factor (n x dm)	approx. 500 000 mm/min
Corrosion inhibiting properties of lubricating greases, DIN 51802, (SKF-EMCOR), test duration: 1 week, distilled water	<= 1 corrosion degree
Colour space	beige
Texture	homogeneous
Texture	fibrous
Water resistance, DIN 51807 pt. 01, 3 h/90 °C, rating	0 - 90
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.

**Klüber Lubrication München SE & Co. KG /  
Geisenhausenerstraße 7 / 81379 München / Germany /  
phone +49 89 7876-0 / fax +49 89 7876-333.**

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