

# Klübersynth G 34-130

Special grease for small gears



## Your benefits at a glance

- Special grease for small gears
- Suitable for aluminium components
- Wide service temperature range
- Good protection against wear
- Excellent protection against tribocorrosion
- Easily applicable through automatic metering devices

## Your requirements - our solution

Klübersynth G 34-130 is a lubricating grease based on synthetic hydrocarbon oil, mineral oil, special Ca soap and polyurea. It has a wide service temperature range, good antiwear properties and high resistance to ageing. Klübersynth G 34-130 provides excellent protection against tribocorrosion resistance to water and good adhesion.

## Application

For gears, bearings, joints and slideways, for example in machines for craftsmen and do-it-yourselfers. Generally suitable for small and miniature gears with steel/steel, steel/plastic and plastic/plastic friction components. Klübersynth G 34-130 is particularly suitable for slideways with aluminium sliding components and for the lubrication of trapezoidal or ball-type threaded spindles.

## Application notes

Immersion lubrication of gears up to a peripheral speed of approx. 5 m/s and for tooth flank greasing up to approx. 4 m/s. The product is applied by brush, spatula or automatic metering devices. The

product can normally be applied by means of centralised lubricating systems. Please note, however, that due to different system configurations and application conditions the pumpability of the product has to be confirmed for each individual application. We will be pleased to provide assistance in this matter.

### *Service temperature range:*

We recommend a general service temperature range between approx. – 30 and 130 °C. Immersion lubrication is possible starting from approx. – 20 °C, and the applied lubricant film (e.g. on tooth flanks) is functional to approx. – 40 °C.

Indicated service temperatures are guide values depending on the lubricant's structure, the intended use and the application technology.

## 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	Klübersynth G 34-130
Cartridge 370 g	+
Can 1 kg	+
Bucket 25 kg	+
Drum 170 kg	+

# Klübersynth G 34-130

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Characteristics	Klübersynth G 34-130
Article number	020501
Colour space	beige
Texture	homogeneous , short fibrous
Density, Klüber method: PN 024, 20°C	approx. 0.87 g/cm <sup>3</sup>
NLGI grade, DIN 51818	0
Worked penetration, DIN ISO 2137 / ASTM D217, 25°C, lower limit	355 0.1 mm
Worked penetration, DIN ISO 2137 / ASTM D217, 25°C, upper limit	385 0.1 mm
Shear viscosity, Klüber method: PN 008@DIN 53019-1, equipment: rotational viscometer, 25°C, 300 s <sup>-1</sup> , lower limit	800 mPas
Shear viscosity, Klüber method: PN 008@DIN 53019-1, equipment: rotational viscometer, 25°C, 300 s <sup>-1</sup> , upper limit	2500 mPas
Kinematic viscosity of the base oil, DIN EN ISO 3104 / DIN 51562-1 / ASTM D445 / ASTM D7042, 100°C	approx. 15.5 mm <sup>2</sup> /s
Kinematic viscosity of the base oil, DIN EN ISO 3104 / DIN 51562-1 / ASTM D445 / ASTM D7042, 40°C	approx. 130 mm <sup>2</sup> /s
Dropping point, DIN ISO 2176 / IP 396	≥ 180 °C
Minimum shelf life from the date of manufacture - in a dry, frost-free place and in the unopened original container, approx.	24 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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