

# Klübersynth G 34-130

Special grease for small gears



## Benefits for your application

- 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

## Description

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 |
|--------------|----------------------|
| Can 1 kg     | +                    |
| Bucket 25 kg | +                    |

  

| Product data     | Klübersynth G 34-130           |
|------------------|--------------------------------|
| Article number   | 020501                         |
| Colour space     | beige                          |
| Texture          | homogeneous                    |
| Density at 20 °C | approx. 0.87 g/cm <sup>3</sup> |



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| Product data                                                                                                                 | Klübersynth G 34-130            |
|------------------------------------------------------------------------------------------------------------------------------|---------------------------------|
| Texture                                                                                                                      | short-fibred                    |
| 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                    |
| 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 of the base oil, DIN 51562 pt. 01/ASTM D-445/ASTM D 7042, 100 °C                                         | approx. 15.5 mm <sup>2</sup> /s |
| NLGI grade, DIN 51818                                                                                                        | 0                               |
| Shear viscosity at 25°C, shear rate 300 s <sup>-1</sup> , equipment: rotational viscometer, upper limit value                | 2 500 mPas                      |
| Shear viscosity at 25 °C, shear rate 300 s <sup>-1</sup> , equipment: rotational viscometer, lower limit value               | 800 mPas                        |
| Drop 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 80 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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