

# UNIMOLY GB 2

High-temperature grease for rolling bearings



## Benefits for your application

- **For lubrication points subject to high loads**
- **Emergency running properties**
- **Good dampening effect**

## Description

UNIMOLY GB 2 is a high-temperature lubricating grease based on mineral oil, silicate and molybdenum disulphide.

## Application notes

UNIMOLY GB 2 can be applied by grease gun, brush, spatula and automatic systems.

## Application

UNIMOLY GB 2 can be used for rolling bearings especially in electric motors, fans, chain wheel bearings, wheel bearings of conveyors in driers, vulcanization systems, conveyors and paintshops.

## 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      | UNIMOLY GB 2 |
|-----------------|--------------|
| Cartridge 400 g | +            |
| Can 1 kg        | +            |
| Bucket 25 kg    | +            |

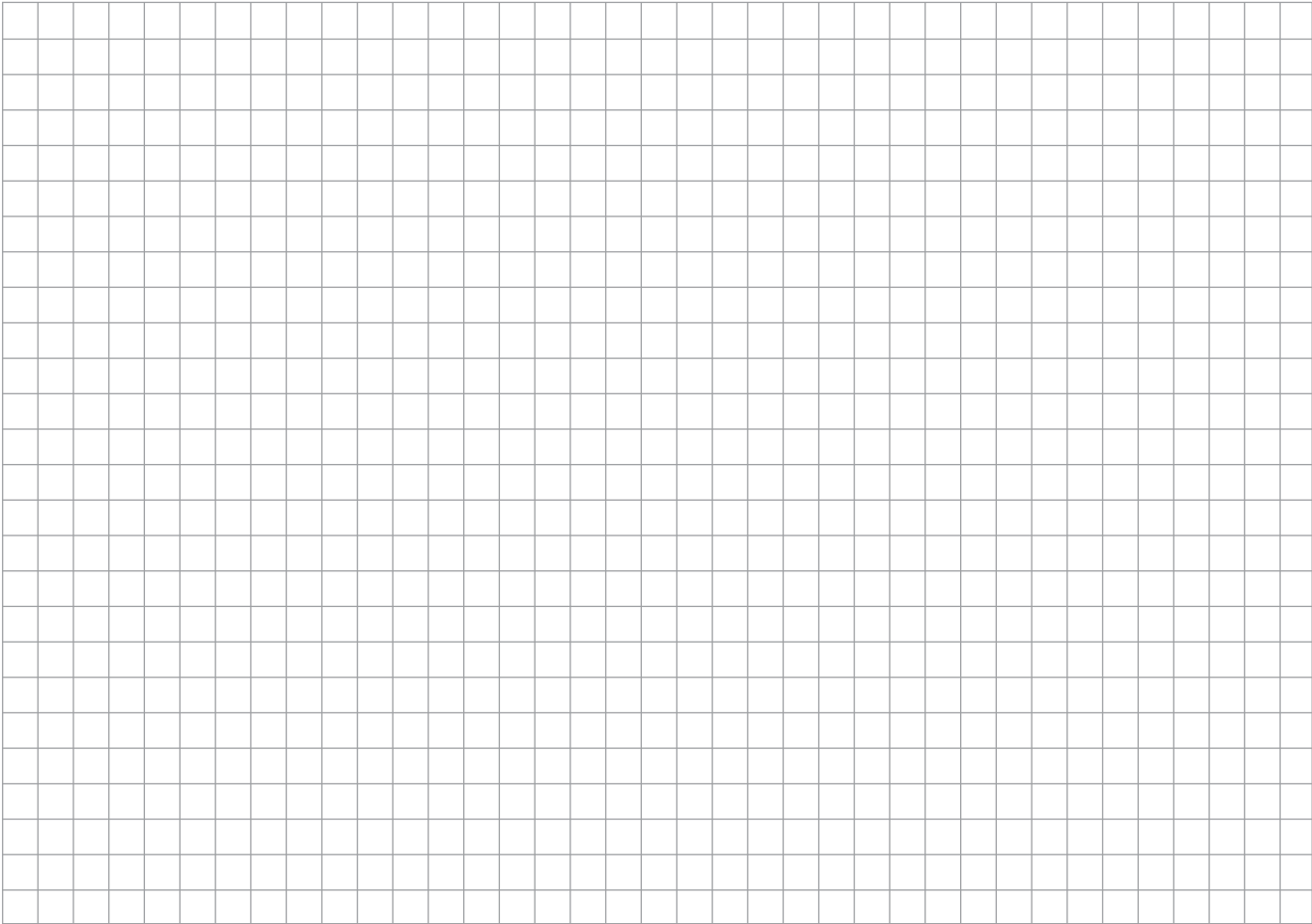
  

| Product data   | UNIMOLY GB 2                   |
|--|--------------------------------|
| Article number   | 018042                         |
| Lower service temperature  | -25 °C / -13 °F                |
| Upper service temperature  | 150 °C / 302 °F                |
| Kinematic viscosity of the base oil, DIN 51562 pt. 01/ASTM D-445/ASTM D 7042, 40 °C  | approx. 220 mm <sup>2</sup> /s |
| NLGI grade, DIN 51818  | 2                              |
| Shear viscosity at 25°C, shear rate 300 s <sup>-1</sup> , equipment:rotational viscometer, upper limit value                 | 5 000 mPas                     |
| Shear viscosity at 25 °C, shear rate 300 s <sup>-1</sup> , equipment: rotational viscometer, lower limit value               | 2 000 mPas                     |
| Chemical composition, solid lubricant  | molybdenum disulphide          |
| Chemical composition, thickener  | silicate                       |
| Chemical composition, type of oil  | mineral oil                    |
| Colour space   | grey                           |
| Water resistance, DIN 51807 pt. 01, 3 h/90 °C, rating  | <= 1 - 90                      |
| Minimum shelf life from the date of manufacture - in a dry, frost-free place and in the unopened original container, approx. | 36 months                      |



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## 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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