

UNIMOLY GL 82

Lubricating grease containing MoS₂



Benefits for your application

- High-performance grease containing MoS₂
- Good corrosion protection
- Ageing and oxidation resistant
- Reduces wear
- Water resistant

Description

UNIMOLY GL 82 is a high-performance lubricant consisting of mineral oil, lithium soap and MoS₂ solid lubricants. It is resistant to water, oxidation and churning. UNIMOLY GL 82 has good anti-corrosion properties, reduces friction and wear and ensures extended relubrication intervals.

Application

UNIMOLY GL 82 is a rolling and sliding bearing grease for machines and appliances exposed to extreme loads; it meets the general requirements and specifications set forth by automobile manufacturers. UNIMOLY GL 82 can also be used for wheel bearings in rail and road vehicles.

Application notes

UNIMOLY GL 82 can be applied by spatula, brush, grease gun or by grease cartridge. It is also applicable through grease pumps.

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	UNIMOLY GL 82
Cartridge 400 g	+
Can 1 kg	+
Bucket 25 kg	+

Product data	UNIMOLY GL 82
Article number	020104
Lower service temperature	-20 °C / -4 °F
Upper service temperature	130 °C / 266 °F
Colour space	black
Texture	homogeneous
Texture	short-fibred
Density at 20 °C	approx. 0.89 g/cm ³
Worked penetration, DIN ISO 2137, 25 °C, lower limit value	265 x 0.1 mm
Worked penetration, DIN ISO 2137, 25 °C, upper limit value	295 x 0.1 mm
Flow pressure of lubricating greases, DIN 51805, test temperature: -20 °C	<= 1 400 mbar



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Drop point, DIN ISO 2176, IP 396

>= 190 °C

Speed factor (n x dm)

approx. 500 000 mm/min

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.

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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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