UNISILKON GLK 112

Special grease for Bowden cables, seals and plastics

Your benefits at a glance

- Good low-temperature characteristics and wide service temperature range
- Good compatibility with elastomers and plastics
- Good wetting of functional surfaces

Your requirements - our solution

UNISILKON GLK 112 ensures smooth running of components at low temperatures and is at the same time resistant to high temperatures. It is based on silicone oil and a special lithium soap. The product is compatible with many different elastomers (but not silicone rubber) and plastics. Approval VW TL 767 X.

Application

UNISILKON GLK 112 is primarily used for the lubrication of rubber/metal, plastic/metal or plastic/plastic friction pairings. Possible applications are in slideways, seals (also EPDM), Bowden cables. In such applications, UNISILKON GLK 112 reduces friction, prevents squeaking noises and forms a protective layer against atmospheric attack on rubber and plastics. UNISILKON GLK 112 can be used in many components where lifetime lubrication is required.

Application notes

The lubricant is applied by spatula, brush or grease gun. Owing to the many compositions of elastomers and plastics, compatibility with such materials should be tested prior to series application. To attain optimum adhesion, we recommend cleaning the friction points prior to application and remove in particular any oil or grease.

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	UNISILKON GLK 112
Cartridge 400 g	+
Can 1 kg	+
Bucket 5 kg	+
Bucket 18 kg	+
Bucket 25 kg	+
Bucket 50 kg	+
Drum 180 kg	+

Characteristics	UNISILKON GLK 112
Article number	022169
Colour space	white
Service temperature, lower limit	-50 °C
Service temperature, upper limit	180 °C

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Characteristics	UNISILKON GLK 112
Density, Klüber method: PN 024, 20°C	approx. 0.96 g/cm³
Worked penetration, DIN ISO 2137 / ASTM D217, 25°C, lower limit	265 0.1 mm
Worked penetration, DIN ISO 2137 / ASTM D217, 25°C, upper limit	295 0.1 mm
Shear viscosity, Klüber method: PN 008@DIN 53019-1, equipment: rotational viscometer, 25°C, 300 s^{-1}, lower limit	2000 mPas
Shear viscosity, Klüber method: PN 008@DIN 53019-1, equipment: rotational viscometer, 25°C, 300 s^{-1}, upper limit	8000 mPas
Oil separation, ASTM D6184, based on standard, 30 h, 150°C	≤ 3 % by weight
Flow pressure, DIN 51805-2, -50°C	≤ 1400 mbar
Dropping point, DIN ISO 2176 / IP 396	≥ 220 °C
Water resistance, DIN 51807-1, 3 h, 90°C	≤ 1 - 90 rating
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 90 years.

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