

Klübersynth BMQ 72-162

For lifetime lubrication at low and high temperatures



Your benefits at a glance

- Low component noise at high temperatures
 - due to innovative hybrid grease formulation
 - due to the addition of fluorinated base oils
- High component performance
 - due to a wide service temperature range
 - due to good corrosion and wear protection properties

Your requirements - our solution

Klübersynth BMQ 72-162 is a synthetic long-term lubricating grease. It is based on ester oils and perfluorinated polyether oil. Its outstanding characteristics are good oil retention at high permanent temperatures and good corrosion protection as well as water resistance.

Application

Klübersynth BMQ 72-162 is preferably used for plain and rolling bearings at high and low temperatures requiring good thermal stability but where the use of silicone is forbidden. It has proven successful for the lifetime lubrication of rolling bearings in electric motors, smoke extractor motors and clutch release bearings.

Due to the good oil retention Klübersynth BMQ 72-162 is suitable for bearings with rotating outer ring subject to high thermal loads like in

expander rollers.

Application notes

It is not necessary to remove the anticorrosive film in rolling bearings prior to applying Klübersynth BMQ 72-162. The lubricant can be removed using organic solvents. To attain a maximum service life and minimum noise level we recommend thorough cleaning of the friction point and seeking detailed service advice from our application engineers.

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	Klübersynth BMQ 72-162
Cartridge 500 g	+
Can 600 g	+
Bucket 30 kg	+

Characteristics	Klübersynth BMQ 72-162
Article number	094073
Composition, thickener	polyurea
Composition, type of oil	ester oil , PFPE

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Characteristics	Klübersynth BMQ 72-162
Colour space	beige
Service temperature, lower limit	-40 °C
Service temperature, upper limit	200 °C
Density, Klüber method: PN 024, 20°C	approx. 1.3 g/cm ³
Worked penetration, DIN ISO 2137 / ASTM D217, 25°C, lower limit	240 0.1 mm
Worked penetration, DIN ISO 2137 / ASTM D217, 25°C, upper limit	270 0.1 mm
Shear viscosity, Klüber method: PN 008@DIN 53019-1, equipment: rotational viscometer, 25°C, 300 s ⁻¹	approx. 6000 mPas
Kinematic viscosity of the base oil, 100°C, calculated data	approx. 27 mm ² /s
Kinematic viscosity of the base oil, 40°C, calculated data	approx. 160 mm ² /s
SKF-EMCOR, DIN 51802, Klüber method: distilled water, 168 h	≤ 1 corrosion degree
Flow pressure, DIN 51805-2, -40°C	≤ 1400 mbar
Dropping point, DIN ISO 2176 / IP 396	≥ 250 °C
Speed factor (n x dm)	500000 mm/min
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.

Klüber Lubrication München GmbH & Co. KG /
Geisenhausenerstraße 7 / 81379 München / Germany /
phone +49 89 7876-0 / fax +49 89 7876-333.

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