

Klüberquiet BQ 74-73 N

Low-noise rolling bearing grease for the long-term lubrication of high-speed rolling bearings



Your benefits at a glance

- Lifetime lubrication of vertically mounted bearings subject to high speeds and/or with a rotating outer ring
- Low-noise spindle bearing grease, also for motor spindles

Your requirements - our solution

Klüberquiet BQ 74-73 N is a rolling bearing grease based on synthetic hydrocarbon, ester oil and urea. It was especially developed for the lubrication of high-speed ball bearings operating at high temperatures. With its unique combination of carefully selected raw materials, Klüberquiet BQ 74-73 N offers

- low-noise operation proved in tests on noise test rigs such as SKF BeQuiet
- long bearing life
- wide service temperature range with excellent low-temperature characteristics

Application

Klüberquiet BQ 74-73 N was developed for applications requiring low-noise operation and long service lives, e.g. ball bearings in electric motors, fans, air conditioners, generators and belt tighteners in cars, spindle bearings as well as motor spindles in machine tools,

electric as well as other household appliances and office equipment. Because of its consistency, Klüberquiet BQ 74-73 N can be used for rolling bearings that are mounted vertically or have a rotating outer ring.

Application notes

Klüberquiet BQ 74-73 N may be applied by brush, spatula, grease gun or grease cartridge. We recommend removing any preservatives prior to greasing. The preservative to be used must be checked for purity and its chemical composition for compatibility with Klüberquiet BQ 74-73 N. Talk to us – we will be pleased to advise you.

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	Klüberquiet BQ 74-73 N
Cartridge 370 g	+
Can 1 kg	+
Bucket 18 kg	+
Bucket 25 kg	+

Characteristics	Klüberquiet BQ 74-73 N
Article number	094098
Composition, thickener	polyurea
Composition, type of oil	ester oil , synthetic hydrocarbon oil
Colour space	beige
Service temperature, lower limit	-40 °C

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Characteristics	Klüberquiet BQ 74-73 N
Service temperature, upper limit	160 °C
Worked penetration, DIN ISO 2137 / ASTM D217, 25°C, lower limit	220 0.1 mm
Worked penetration, DIN ISO 2137 / ASTM D217, 25°C, upper limit	250 0.1 mm
Kinematic viscosity of the base oil, DIN EN ISO 3104 / DIN 53000-1, based on standard / ASTM D445 / ASTM D7042, 100°C	approx. 9.5 mm ² /s
Kinematic viscosity of the base oil, DIN EN ISO 3104 / DIN 53000-1, based on standard / ASTM D445 / ASTM D7042, 40°C	approx. 60 mm ² /s
Copper corrosion, DIN 51811, 24 h, 100°C	1 - 100 - 24 corrosion degree
SKF-EMCOR, DIN 51802, based on standard, Klüber method: 5 % NaCl solution, 168 h	≤ 3 corrosion degree
SKF-EMCOR, DIN 51802, Klüber method: distilled water, 168 h	≤ 1 corrosion degree
Low temperature torque, IP 186, -40°C, running torque	≤ 100 mNm
Low temperature torque, IP 186, -40°C, starting torque	≤ 1000 mNm
Dropping point, DIN ISO 2176 / IP 396	≥ 250 °C
ROF rolling bearing test, Klüber method: axial load: 100 N / radial load: 50 N / 10000 min ⁻¹ / 1.5 cm ³ , equipment: SKF grease testing machine, 160°C, service life F50	≥ 1500 h
Speed factor (n x dm)	approx. 2000000 mm/min
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 95 years.

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