Klüberquiet BQ 74-73 N

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

Benefits for your application

- **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**

Description

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.

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
Can 1 kg	+
Bucket 25 kg	+

Product data	Klüberquiet BQ 74-73 N
Article number	094098
Chemical composition, thickener	polyurea
Chemical composition, type of oil	ester oil
Chemical composition, type of oil	synthetic hydrocarbon oil
Lower service temperature	-40 °C / -40 °F
Upper service temperature	160 °C / 320 °F
Colour space	beige
Worked penetration, DIN ISO 2137, 25 °C, lower limit value	220 x 0.1 mm
Worked penetration, DIN ISO 2137, 25 °C, upper limit value	250 x 0.1 mm
Kinematic viscosity of the base oil, DIN 51562 pt. 01/ASTM D-445/ASTM D 7042, 40 °C	approx. 60 mm²/s
Kinematic viscosity of the base oil, DIN 51562 pt. 01/ASTM D-445/ASTM D 7042, 100 °C	approx. 9.5 mm²/s
Corrosion inhibiting properties of lubricating greases, based on DIN 51802, SKF-EMCOR, test duration: 1 week, 5 % NaCl solution	<= 3 corrosion degree
Speed factor (n x dm)	approx. 2 000 000 mm/min
Copper corrosion, DIN 51811, (lubricating grease), 24h/100°C	1 - 100 corrosion degree

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Corrosion inhibiting properties of lubricating greases, DIN 51802, (SKF-EMCOR), test duration: 1 week, distilled water	<= 1 corrosion degree
Drop point, DIN ISO 2176	>= 250 °C
SKF-ROF rolling bearing tester, axial load: 100 N, radial load: 50 N, speed: 10000 min-1, temperature: 160 °C, service life F50	>= 1 500 h
Low-temperature torque, IP 186, -40 °C, running	<= 100 mNm
Low-temperature torque, IP 186, -40 °C, start	<= 1 000 mNm
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

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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