Klüberspeed BF 12-42

High-speed lubricating grease

Benefits for your application

– Especially for horizontal, vertical or inclined mounting positions, thus suitable for all standard machine tools. Excellent high-speed characteristics and long service life in rolling bearings with steel/steel or steel/ceramic friction pairings

Description

Klüberspeed BF 12-42 is a high-performance special grease with a synthetic base oil and a complex urea thickener. The base oil viscosity and the viscosity-temperature characteristics of the base oil allow Klüberspeed BF 12-42 to be used for a wide range of speeds and temperatures.

Application

Klüberspeed BF 12-42 is primarily recommended for spindles in milling, grinding and drilling machines and lathes running at very high speeds and high permanent temperatures. Such high speeds are frequently encountered in motor-powered spindle bearings. Klüberspeed BF 12-42 is also suitable for other highspeed bearings as are found in power tools, electric motors, etc. As this grease has a higher mechanical stability than Klüberspeed BF 12-42, it is better suitable for applications involving a vertical or inclined shaft.

Application notes

Klüberspeed BF 12-42 can be filled into the bearings using normal grease application tools (e.g. spatula, grease gun). Application by means of central lubricating systems and metering devices is also possible. The possibility of a change in colour is inherent in this product concept. It has, however, no influence on product performance.

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	Klüberspeed BF 12-42
Cartridge 400 g	+
Can 1 kg	+
Bucket 25 kg	+
Product data	**Klüberspeed BF 12-42**
Article number	004246
Chemical composition, thickener	polyurea
Chemical composition, type of oil	ester oil
Chemical composition, type of oil	synthetic hydrocarbon oil
Lower service temperature	-50 °C / -58 °F
Upper service temperature	120 °C / 248 °F
Colour space	beige-brown
Texture	homogeneous
Texture	fibrous
Density at 20 °C	approx. 0.92 g/cm³
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