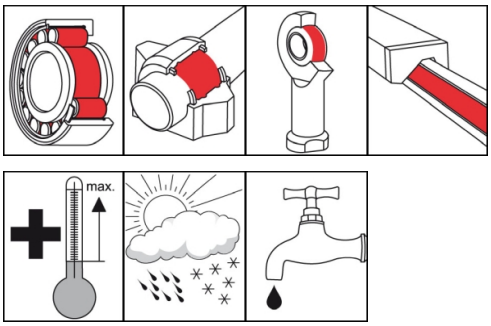
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OKS 432
High Melting-Point Grease



Description

OKS 432 is a readily dispensable high melting-point grease for rolling and friction bearings and similar components in humid environments, under high stress loads and at high temperatures.

Applications

- For lubricating rolling and friction bearings at high temperatures, under high stress loads and in damp environments, such as hot air fans, converters, casting pans, sintering plants, and conveying systems exposed to heat in the iron and steel industry Long-life lubrication of excavating and construction machines in humid environments

Branches

- Iron and steel industry
- Shipbuilding and marine technology
- Municipal services
- Paper and packaging industry
- Plant and machine (tool) engineering
- Logistics
- Chemical industry

Advantages and benefits

- Prolonged component life span thanks to effective wear protection and excellent pressure absorption capacity
- Reliable protection for bearings in humid environments due to effective corrosion protection in combination with effective adhesion and resistance to water
- Optimum supply to bearings thanks to excellent dispensing capacity, even at high temperatures, without the grease solidifying in the lubrication lines
- Environmentally friendly formula with no chlorine or heavy metals

Application tips

For best results clean the lubricating point carefully, e.g. with OKS 2610/OKS 2611 Universal Cleaner. Remove the corrosion protection ahead of the initial filling. Fill the bearings in a way that all the functional surfaces for sure get the grease. Slow moving bearings (DN-value < 50,000) should be filled completely, normal moving bearings should be filled to 1/3 of the free inner housing space. Observe the instructions of the bearing or machine manufacturer. Relubrication with a grease gun on to the grease nipples or with an automatic lubrication system. Relubrication intervals and amount to be defined acc. to the service conditions. If the removal of the old grease is not possible the amount of grease has to be limited to avoid excess lubrication of the bearing. At longer relubrication intervals a complete exchange of the old grease is recommended. Only mix with appropriate lubricants.

Packaging

- 400 ml Cartridge
- 1 kg Can
- 5 kg Hobbock
- 25 kg Hobbock
- 180 kg Drum

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PRODUCT INFORMATION

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Technical data

	Standard	Conditions	Unit	Value
Main components				
base oil				mineral oil
thickener				aluminium-complex soap
Application related technical data				
marking	analogue to DIN 51 502	DIN 51 825		KP2N-10
Viscosity base oil	DIN 51 562-1	at 40°C	mm^2/s	500
Viscosity base oil	DIN 51 562-1	at 100°C	mm^2/s	32
flashing point	DIN ISO 2592	> 79	°C	> 200
drop point	DIN ISO 2176		°C	≥ 230
consistency	DIN 51 818	DIN ISO 2137	NLGI grade	2
worked penetration	DIN ISO 2137	60DH	0.1 mm	265-295
lower operating temperature	DIN 51 805	≤ 1,400 hPa	°C	-15
upper operating temperature	DIN 51 821-2	F50 (A/1500/600), 100h	°C	150
maximal operating temperature			°C	200
colour				brown
density	DIN EN ISO 3838	at 20°C	g/cm^3	0.92
water resistance	DIN 51 807-1	3h/90°C	Degree	1-90
DN value (dm x n)			mm/min	200,000
four-ball test rig welding load	DIN 51 350-4		N	2,800
SKF-EMCOR	DIN 51 802	7 days, distilled water	corr. degree	0-1
Properties and approvals				
UFI				P4VD-C0J1-S00J-A1SF

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

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