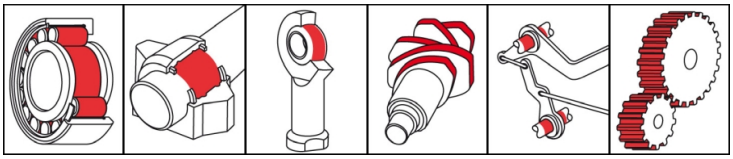
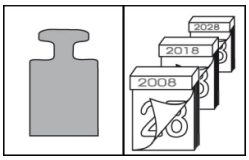
PRODUCT INFORMATION

a product brand of KLÜBER LUBRICATION

OKS 433

Long-Acting High-Pressure Grease





Description

OKS 433 is a long-life high-pressure grease for friction and rolling bearings.

Applications

- Lubrication of friction and rolling bearings of all kinds at all permissible speeds and subject to high pressure loads, in particular of heavily loaded rolling and taper roller bearings, e.g. on rolling stands, hot and cold shearing systems, sliding blocks and spindles

Advantages and benefits

- Excellently suited for long-term lubrication of grease lubricating points subject to heavy loading
- Highly effective due to outstanding EP additives and high resistance to water

Branches

- Chemical industry
- Rail vehicle technology
- Logistics
- Plant and machine (tool) engineering
- Rubber and plastic processing
- Municipal services
- Paper and packaging industry
- Shipbuilding and marine technology
- Glass and foundry industry
- Iron and steel industry

Application tips

For best results clean the lubrication point with OKS 2610/ OKS 2611 Universal Cleaner. Remove the corrosion protection media before initial filling. Fill the bearings in a way that all the functional surfaces are lubricated sufficiently. 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 through 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. For longer relubrication intervals, a complete exchange of the old grease is recommended. Mix with appropriate lubricants only.

Packaging

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

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Technical data

	Standard	Conditions	Unit	Value
Main components				
base oil				mineral oil
thickener				lithium hydroxystearate
Application related technical data				
marking	DIN 51 502	DIN 51 825		KP2K-20
Viscosity base oil	DIN 51 562-1	at 40°C	mm²/s	185
Viscosity base oil	DIN 51 562-1	at 100°C	mm²/s	14
pour point	DIN ISO 3016	3°C step	°C	< -20
flashing point	DIN ISO 2592	> 79	°C	> 200
drop point	DIN ISO 2176		°C	> 180
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	-20
upper operating temperature	DIN 51 821-2	F50 (A/1500/6000), 100h	°C	120
maximal operating temperature			°C	140
colour				red-brown
density	DIN EN ISO 3838	at 20°C	g/cm³	0.93
water resistance	DIN 51 807-1	3h/90°C	Degree	1-90
DN value (dm x n)			mm/min	400,000
four-ball test rig welding load	DIN 51 350-4		N	2,600
SKF-EMCOR	DIN 51 802	7 days, distilled water	corr. degree	0
SKF-EMCOR Copper	DIN 51 811	24h, 100°C	corr. degree	1
Properties and approvals				
UFI				6CX1-40WK-500Q-3YAV

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