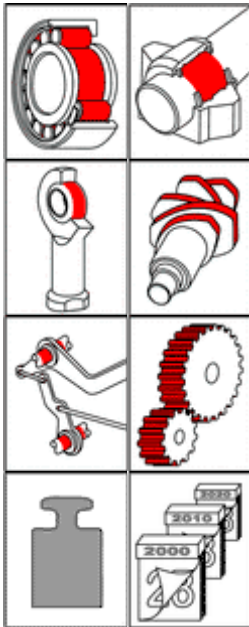




OKS 433 – Product Information

OKS 433 Long-Life High- Pressure Grease



Fields of Application:

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:

Excellent 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.

Application:

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. For additional questions please contact our Technical Department.

Additional Information:

- Packaging (Article number):
- 120 ml CL- cartridge (00433013)
 - 400 g Cartridge (00433019)
 - 1 kg Tin (00433034)
 - 5 kg Hobbock (00433050)
 - 25 kg Hobbock (00433062)

Version
E-04.1/13

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OKS 433

Long-Life High-Pressure Grease

Technical Data

	Norm	Conditions	Unit	Value
Classification	DIN 51 502	DIN 51 825		KP2K-20
Base Oil				
Type				Mineral oil
Viscosity	DIN 51 562-1 DIN 51 562-1	40°C 100°C	mm ² /s mm ² /s	185 14
Pourpoint	DIN ISO 3016	3°C step	°C	< -20
Flashpoint	DIN ISO 2592	> 79	°C	> 200
Thickener				
Type				Lithiumhydroxystearate
Consistency	DIN 51 818	DIN ISO 2137	NLGI- class	2
Worked penetration	DIN ISO 2137	60 double strokes	0,1 mm	265 - 295
Drop point	DIN ISO 2176		°C	> 180
Application Data				
Density	DIN EN ISO 3838	+20°C	g/cm ³	0,9
Colour				red-brown
Service Temperatures				
Minimum service temperature	DIN 51 805	< 1.400 hPa	°C	-20
Upper service temperature	DIN 51 821-2	F ₅₀ (A/1500/6000), 100h	°C	120
Maximum service temperature			°C	140
DN- value			mm min	400.000
Water resistance	DIN 51 807-1	+90°C	Grade 1-3	1
Corrosion Protection Tests				
SKF-EMCOR	DIN 51 802	7d/dest. water	Corr.-grade 0-5	0
SKF-EMCOR, on copper	DIN 51 811	24h/100°C	Corr.-grade 0-5	1
Wear Protection Tests				
VBT – weld load (Four ball test rig)	DIN 51 350-4		N	2.600

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