

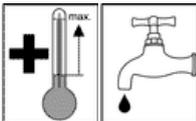
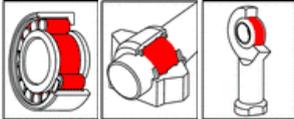


OKS 432 - Product Information

Fields of Application:

Grease lubrication of plain and rolling bearings at high temperatures and high loads, e.g. on hot-air fans, converters, pouring ladles, sintering systems, conveyor systems subject to heat etc.

OKS 432 High Melting-Point Grease



Advantages and Benefits:

Excellently suited for reducing friction and wear, protection against corrosion and impurities. Maintenance of lubricating effect even at high temperatures and loads. Highly effective due to selected combination of active ingredients for good corrosion protection properties, good resistance to ageing and excellent EP properties.

Application:

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. For additional questions please contact our Technical Department.

Additional Information:

- Packaging (Article number):
- 400 g Cartridge (00432019)
 - 1 kg Tin (00432034)
 - 5 kg Hobbock (00432050)
 - 25 kg Hobbock (00432062)
 - 180 kg Drum (00432070)

Version
E-02.1/06

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OKS 432 High Melting-Point Grease

Technical Data

	Norm	Conditions	Unit	Value
Classification	DIN 51 502	DIN 51 825		KP2R-20
Base Oil				
Type				Mineral oil
Viscosity	DIN 51 562-1	40°C	mm ² /s	230
	DIN 51 562-1	100°C	mm ² /s	16
Flash point	DIN ISO 2592	> 79	°C	> 200
Thickener				
Type				Aluminium complex soap
Consistency	DIN 51 818	DIN ISO 2137	NLGI- class	2
Worked penetration	DIN ISO 2137	60 DH	0,1 mm	265 - 295
Drop point	DIN ISO 2176		°C	> 200
Application Data				
Density	DIN EN ISO 3838	+20°C	g/cm ³	0,94
Colour				brown
Service Temperatures				
Minimum service temperature	DIN 51 805	< 1.400 hPa	°C	-25
Upper service temperature	DIN 51 821-2	F ₅₀ (A/1500/600), 100h	°C	190
Maximum service temperature			°C	200
DN- value			mm min	200.000
Water resistance	DIN 51 807-1	+90°C	Grade 1-3	1 - 90
Corrosion protection tests				
SKF-EMCOR	DIN 51 802	7d./ dest. water	Corr.-Grad 1-5	0 - 1
SKF-EMCOR, on copper	DIN 51 811	24h/100°C	Corr.-Grad 1-5	1
Wear protection tests				
VBT- weld load (Four ball test rig)	DIN 51 350-4		N	2.800

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