



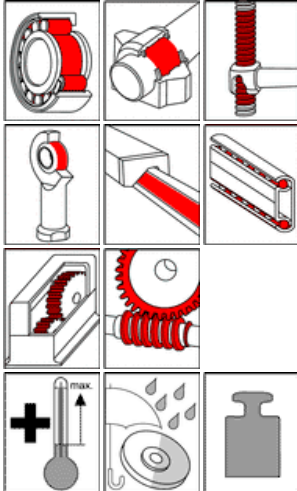
OKS 424 - Product Information

Fields of Application:

Lubrication of roller and plain bearings at high temperatures, under corrosive environmental conditions and for all sliding speeds permissible for grease lubrication, such as lubrication points subject to extremely high temperatures at oven systems like annealing and drying ovens, drum-type furnaces, manipulators, cooling bed systems, conveyor systems, hot-air fans, special electric motors, exhaust-gas fans for aggressive media or rolling bearings on calender rollers.

OKS 424 Synthetic High- Temperature Grease

Advantages and Benefits:



Excellent suited for bearing points subject to extremely high temperatures and corrosive environmental influences. Reduction of friction and wear, corrosion protection, protection of bearings against harmful impurities, maintenance of lubricating effect, even in the presence of water. Retains its consistent, supple state without forming hard deposits. When operating temperature is exceeded, forms only minimal residues. Normal relubrication is sufficient.

Application:

For best results clean the lubricating point carefully. Clean with solvents like 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 (00424019)
- 1 kg Tin (00424034)
- 5 kg Hobbock (00424050)
- 25 kg Hobbock (00424062)
- 180 kg Drum (00424070)

Version:
E-10.1/05

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OKS 424 Synthetic High-Temperature Grease

Technical Data

	Norm	Conditions	Unit	Value
Classification	DIN 51 502	DIN 51 825		KHC1-2S-30
Base Oil				
Type				Polyalfaolefin
Viscosity	DIN 51 562-1	40°C	mm²/s	410
	DIN 51 562-1	100°C	mm²/s	39
Flash point	DIN ISO 2592		°C	ca. 290
Pourpoint	DIN ISO 3016		°C	-35
Thickener				
Type				Polyurea
Consistency	DIN 51 818	DIN ISO 2137	NLGI- class	1 - 2
Worked penetration	DIN ISO 2137	60 DH	0,1 mm	290 - 310
Penetration drop	DIN ISO 2137	5.000 DH		max. 20
		100.000 DH		max. 40
Drop point	DIN ISO 2176		°C	> 240
Application Data				
Colour				light-coloured
Service Temperatures				
Minimum service temperature	DIN 51 805	< 1.400 hPa	°C	-30
Upper service temperature	DIN 51 821-2	F ₅₀ (A/1500/600), 100h	°C	200
Maximum service temperature			°C	230
DN- value			mm min	200.000
Water resistance	DIN 51 807-1	+90°C	Grade 1-3	0 - 90
Corrosion Protection Tests				
SKF-EMCOR	DIN 51 802		Corr.-Grade 1-5	0 and 0
Wear Protection Tests				
VBT- weld load (Four ball test rig)	DIN 51 350-4		N	1.300

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