

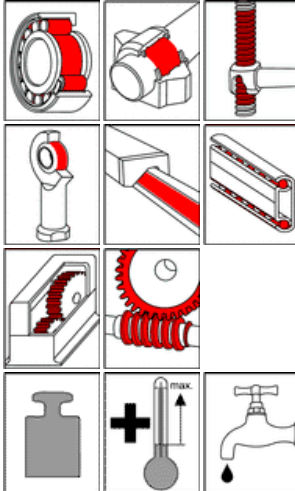


OKS 420 - Product Information

Fields of Application:

Gearbox lubrication of heavily loaded, relatively slow-running toothed gearing when grease is used instead of oil due to leaks. For heavily loaded and impact-loaded drives. Chain lubrication, e.g. of hollow-pin chains in the conveyance and transport sector, for exposure to water and steam and at higher operating temperatures. Bearing lubrication of friction and rolling bearings in annealing yards and drying systems, manipulators and robots, cooling-bed and conveyor systems, machines in food packing industry, steam sterilisers etc.

OKS 420 High-Temperature Multipurpose Grease



Advantages and Benefits:

Excellent suited for corrosive operating conditions with high operating temperatures and high pressure and impact loads. Economical due to optimised formula. Enables wear reduction, decreasing failure times and enabling long-term lubrication. Long-acting, highly adhesive, temperature-stable and waterproof, noise-damping, impact and pressure resistant.

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):

- 120 ml CL- Cartridge (00420013)
- 400 ml Cartridge (00420019)
- 1 kg Tin (00420034)
- 5 kg Hobbock (00420050)
- 25 kg Hobbock (00420062)
- 180 kg Drum (00420070)

Version
E-03.1/10

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Technical Data

	Norm	Conditions	Unit	Value
Classification	acc. DIN 51 502			KP1-2P-10
Base Oil				
Type				Mineral oil
Viscosity	DIN 51 562-1	40°C	mm ² /s	490
	DIN 51 562-1	100°C	mm ² /s	32
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 - 320
Drop point	IP 396		°C	> 230
Application Data				
Density	DIN 51 757	+20°C	g/cm ³	0,90
Colour				beige
Service Temperatures				
Minimum service temperature	DIN 51 805	< 1.400 hPa	°C	-10
Maximum service temperature			°C	160
DN- value			mm/min	300.000
Water resistance	DIN 51 807-1	3 h/90 °C	Grade	1 - 90
Wear Protection Tests				
VKA Wear	DIN 51 350-5	1.420 rpm/1 h/800 N	mm	< 1

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