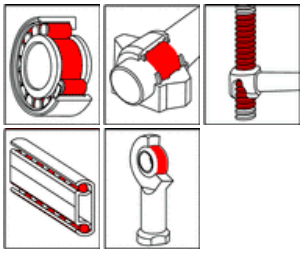
OKS 418 - Product Information

OKS 418
High-Temperature Grease



Fields of Application:

Grease lubrication of plain and rolling bearings at high temperatures, e.g. in painting and drying ovens, converters, pouring ladles, heating systems, hot-air fans, charging cranes, vulcanising systems and electric motors.

Advantages and Benefits:

Excellently suited for long-term lubrication of grease lubricating points subject to high-temperature loading. Highly effective due to optimum solid lubricant formula. Broad range of uses above normal grease performance areas. Reduced maintenance and lubricant costs due to possible safety lubrication. Drip-free hot bearing grease for long-term and safety lubrication in a broad temperature range.

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):
- 1 kg Tin (00418034)
- 5 kg Hobbock (00418050)
- 25 kg Hobbock (00418062)
- 180 kg Drum (00418070)

Version
E-06.1/09

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Technical Data

	Norm	Conditions	Unit	Value
Classification	acc. DIN 51 502			KPF2N-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	220 17
Thickener				
Type				Bnetonite
Consistency	DIN 51 818	DIN ISO 2137	NLGI- class	2
Worked penetration	DIN ISO 2137	60 DH	0,1 mm	265 - 295
Drop point	IP 396		°C	not measureable
Additives				
Solid lubrications, type				MoS_2, Graphite
Application Data				
Density	DIN 51 757	+20°C	g/cm^3	0,93
Colour				black
Service Temperatures				
Minimum service temperature			°C	-20
Maximum service temperature			°C	160
DN- value			mm/min	400.000
Water resistance	DIN 51 807-1	+90°C	Grade	0 - 90
Corrosion protection tests				
SKF-EMCOR, on copper	DIN 51 811	24h/125°C	Corr.-grade	1