

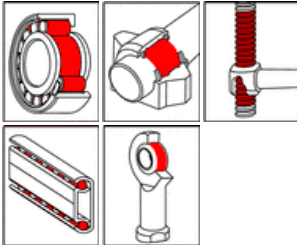


OKS 418 - Product Information

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.

OKS 418 High-Temperature Grease



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:

- 1 kg Tin
- 5 kg Hobbock
- 25 kg Hobbock

Version

E-05.1/17

The data in this brochure are the result of extensive testing and experience and meet the latest stage of engineering. Due to the diversity of application possibilities and technical realities they can only be recommendations and are not arbitrarily transferable; thus no obligations, liability or warranty claims can be derived herefrom. We accept liability for the fitness of our products for particular purposes and accept such liability in writing in the individual case. In any event any justified warranty claims shall be limited to the delivery of replacement goods which are free from defect or, in the event that such subsequent improvement fails, to reimbursement of the purchase price. Any and all further claims, in particular but without limitation any liability for consequent damage, shall be excluded. Prior to use own testing must be done to prove suitability. The data are subject to change for the sake of technical progress. ® = Registered Trademark



OKS 418 High-Temperature Grease

Technical Data

	Norm	Conditions	Unit	Value
Classification	acc. DIN 51 502			KPF2N-20
Base Oil				
Type				Mineral oil
Viscosity	DIN 51 562-1	40°C	mm ² /s	220
Thickener				
Type				Silicate
Additives				
Solid lubrications, type				MoS ₂
Application Data				
Density	DIN 51 757	+20°C	g/cm ³	0,93
Colour				black
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
DN- value			mm/min	400.000
Water resistance	DIN 51 807-1	+90°C	Grade	1-90
Service Temperatures				
Minimum service temperature			°C	-25
Maximum service temperature			°C	150

The data in this brochure are the result of extensive testing and experience and meet the latest stage of engineering. Due to the diversity of application possibilities and technical realities they can only be recommendations and are not arbitrarily transferable; thus no obligations, liability or warranty claims can be derived herefrom. We accept liability for the fitness of our products for particular purposes and accept such liability in writing in the individual case. In any event any justified warranty claims shall be limited to the delivery of replacement goods which are free from defect or, in the event that such subsequent improvement fails, to reimbursement of the purchase price. Any and all further claims, in particular but without limitation any liability for consequent damage, shall be excluded. Prior to use own testing must be done to prove suitability. The data are subject to change for the sake of technical progress. ® = Registered Trademark