

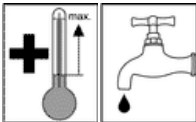
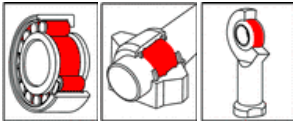


## OKS 4200 - Product Information

### Fields of Application:

Grease lubrication of plain and rolling bearings in high-temperature range, where a mineral oil based grease cannot be used, e.g. on hot-air blowers and fans, autoclaves, drying ovens or systems in steelworks and foundries.

### OKS 4200 Synthetic High- Temperature Bearing Grease with MoS<sub>2</sub>



### Advantages and Benefits:

Drip-free hot bearing grease for a broad temperature range with high oxidations stability and moisture resistance. Excellently suited for long-term lubrication of grease lubricating points subject to high-temperature loading. Highly effective due to optimum high-performance formula. Broad range of uses outside normal grease performance areas. Reduced maintenance and lubricant costs due to possible safety lubrication. Improved performance due to organic molybdenum complex compounds.

### 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 (04200019)  
- 1 kg Tin (04200034)  
- 5 kg Hobbock (04200050)  
- 25 kg Hobbock (04200062)  
- 180 kg Drum (04200070)

Version  
E-04.1/05

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# OKS 4200 Synthetic High-Temperature Bearing Grease with MoS<sub>2</sub>

## Technical Data

	Norm	Conditions	Unit	Value
Classification	DIN 51 502	DIN 51 825		KHCF2R-10
<b>Base Oil</b>				
Type				Polyalfaolefin Special mineral oil
Viscosity	DIN 51 562-1	+40°C	mm <sup>2</sup> /s	220
Flash point	DIN ISO 2592	> 79	°C	> 200
<b>Thickener</b>				
Type				Bentonite
Consistency	DIN 51 818	DIN ISO 2137	NLGI- class	2
Worked penetration	DIN ISO 2137	60 DH	0,1 mm	265 - 295
<b>Additives</b>				
Solid lubricants, type				MoS <sub>2</sub>
Additive				Mo <sub>x</sub> -Active
<b>Application Data</b>				
Density	DIN EN ISO 3838	+20°C	g/cm <sup>3</sup>	0,92
Colour				black
<b>Service Temperatures</b>				
Minimum service temperature	DIN 51 805	< 1.400 hPa	°C	-10
Maximum service temperature	DIN 51 821-2	F <sub>50</sub> (A/1500/600), 100h	°C	180
DN- value			mm/min	400.000
Water resistance	DIN 51 807-1	+90°C	Grade 1-3	1 - 90
<b>Corrosion protection tests</b>				
SKF-EMCOR	DIN 51 802		Corr.-Grade 1-5	0 and 0
<b>Wear protection tests</b>				
VBT- weld load (Four ball test rig)	DIN 51 350-4		N	2.600
VBT- wear	DIN 51 350-5	1.420 U/min/1 h/800 N	mm	0,7

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