



## OKS 404 - Product Information

### Fields of Application:

Lubrication of plain, roller and pivoting bearings, splined shafts, threaded spindles and sliding surfaces of all kinds under high loads and a wide temperature range, as well as all sliding speeds permissible for grease lubrication.

### OKS 404 High Performance and High Temperature Grease

### Advantages and Benefits:

Fewer downtimes and repairs as a result of considerably reduced wearing. Supports sealing of bearings and corrosion protection.

### Application:

For best results clean the lubricating point carefully, e.g. with 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 (00404019)
  - 1 kg Tin (00404034)
  - 5 kg Hobbock (00404050)
  - 25 kg Hobbock (00404062)
  - 180 kg Drum (00404070)

Version  
E-04.1/05

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# OKS 404 High Performance and High Temperature Grease

## Technical Data

	Norm	Conditions	Unit	Value
Classification	DIN 51 502	DIN 51 825		KP2P-30
<b>Base Oil</b>				
Type				Mineral oil, Polyalphaolefin
Viscosity	DIN 51 562-1	+40°C	mm <sup>2</sup> /s	100
Flash point	DIN ISO 2592	> 79	°C	> 200
<b>Thickener</b>				
Type				Lithium-complex soap
Consistency	DIN 51 818	DIN ISO 2137	NLGI- class	2
Worked penetration	DIN ISO 2137	60 DH	0,1 mm	265 - 295
Flow pressure	DIN 51 805	-30°C	mbar	< 1.400
Drop point	DIN ISO 2176		°C	> 260
Oxidation resistance	DIN 51 808	100h/100°C	bar	< 0,3
<b>Application Data</b>				
Density	DIN EN ISO 3838	+20°C	g/cm <sup>3</sup>	0,93
Colour				light-coloured
<b>Service Temperatures</b>				
Minimum service temperature	DIN 51 805	< 1.400 hPa	°C	-30
Upper service temperature	DIN 51 821-2	F <sub>50</sub> (A/1500/600), 100h	°C	150
Maximum service temperature			°C	200
DN- value			mm min	350.000
Water resistance	DIN 51 807-1	+90°C	Grade 1-3	1 - 90
<b>Corrosion protection tests</b>				
SKF-EMCOR	DIN 51 802		Corr.-Grad 1-5	0 and 0
SKF-EMCOR, on copper	DIN 51 811	24h/100°C	Corr.-Grad 1-5	1 - 150
<b>Mechanical / dynamic tests</b>				
FAG FE 9	DIN 51 821-1	1500/6000-150	h	> 100
<b>Wear protection tests</b>				
VBT- weld load (Four ball test rig)	DIN 51 350-4		N	2.800
VBT- wear	DIN 51 350-5	1.420 U/min/1 h/800 N	mm	< 0,8

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