

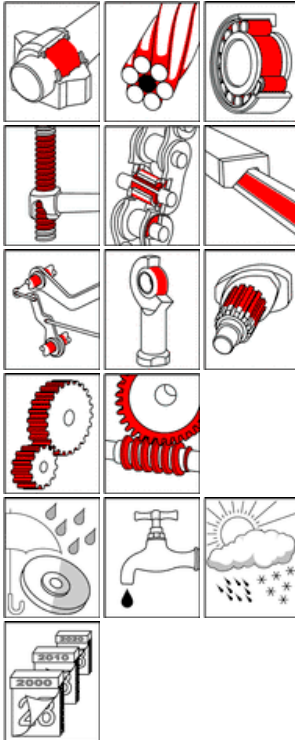


## OKS 403 - Product Information

### Fields of Application:

Lubrication of open toothing, friction and rolling bearings, threaded spindles, hinges, guides on windlasses, ship's cranes, underwater devices, offshore components or in wet areas of the textile industry. Corrosion protection of moving parts subject to seawater in coastal and marine areas or constant influence of water for water and channel structures.

### OKS 403 Marine Grease



### Advantages and Benefits:

Excellently suited as a waterproof special grease above and under water. Highly effective due to optimum wear and outstanding corrosion protection. Economical due to combined protective effect.

### 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 ml Cartridge (00403019)
- 1 kg Tin (00403034)
- 5 kg Hobbock (00403050)
- 25 kg Hobbock (00403062)
- 180 kg Drum (00403070)

#### Version:

E-06.1/09

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## OKS 403 Marine Grease

### Technical Data

	Norm	Conditions	Unit	Value
Classification	DIN 51 502	DIN 51 825		KP1-2E-20
<b>Base Oil</b>				
Type				Mineral oil
Viscosity	DIN 51 562-1	40°C	mm <sup>2</sup> /s	100
	DIN 51 562-1	100°C	mm <sup>2</sup> /s	9
<b>Thickener</b>				
Type				Calcium soap
Consistency	DIN 51 818	DIN ISO 2137	NLGI- class	1-2
Worked penetration	DIN ISO 2137	60 DH	0,1 mm	285 - 315
Drop point	IP 396		°C	> 110
<b>Application Data</b>				
Density	DIN 51 757	+20°C	g/cm <sup>3</sup>	0,94
Colour				brown
<b>Service Temperatures</b>				
Minimum service temperature	DIN 51 805	< 1.400 hPa	°C	-25
Maximum service temperature	DIN 51 821-2	F <sub>50</sub> (A/1500/600), 100h	°C	80
DN- value			mm/min	350.000
Water resistance	DIN 51 807	+40°C	Grade	0 - 40
<b>Corrosion Protection Tests</b>				
SKF-EMCOR	DIN 51 802	with 3 % NaCl- Dilution	Corr.-grade	0 and 1
<b>Wear Protection Tests</b>				
VBT- weld load (Four ball test rig)	DIN 51 350-4		N	3.000

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