



OKS 476 - Product Information

Fields of Application:

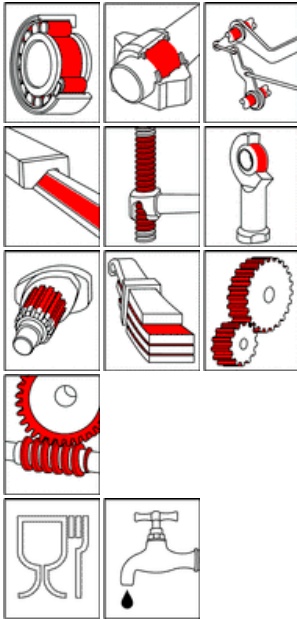
Grease lubrication of rolling and plain bearings, joints, linear drives and chains, as well as fittings, seals, moulded parts and elements of elastic rubber materials in hot and cold-water segment, e.g. for sanitary fixtures or machines in dairies, breweries, slaughterhouses, bakeries etc.

OKS 476

Multipurpose Grease for Food Processing Technology

Advantages and Benefits:

Hygienically harmless as defined in Sec. 31, Para. 1 of German Foodstuffs and Essential Commodities Act. Formula according to FDA Guideline 21 CFR 178.3570. Registered by the NSF in the category H1 under the number 137619 for use in food processing technology with occasional, technically unavoidable contact. Long operating times due to special additives for excellent resistance to oxidation and ageing. Resistant to hot and cold water, water vapour, watery-alkaline and acidic disinfectants and cleaning agents. Can be used universally as lubricant with good long-term effect and adhesive strength in all areas of food processing, beverage and pharmaceutical industries, where an occasional, technically unavoidable contact between lubricant and foodstuff can occur.



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 (00476019)
- 1 kg Tin (00476034)
- 5 kg Hobbock (00476050)
- 25 kg Hobbock (00476062)
- 180 kg Drum (00476070)

Version:

E-08.1/10

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OKS 476 Multipurpose Grease for Food Processing Technology

Technical Data

	Norm	Conditions	Unit	Value
Classification	acc. DIN 51 502			KP2K-30
Base Oil				
Type				med. White oil
Viscosity	DIN 51 562-1	40°C	mm ² /s	240
	DIN 51 562-1	100°C	mm ² /s	22
Thickener				
Type				Aluminium complex soap
Consistency	DIN 51 818	DIN ISO 2137	NLGI- class	2
Worked penetration	DIN ISO 2137	60 DH	0,1 mm	265 - 295
Drop point	ISO 2176		°C	> 220
Application Data				
Density	DIN 51 757	+20°C	g/cm ³	0,92
Colour				white
Service temperatures				
Minimum service temperature	DIN 51 805	< 1.400 mbar	°C	-30
Maximum service temperature			°C	120
DN- value			mm/min	400.000
Water resistance	DIN 51 807-1	+90 °C/3 h	Grade	1 - 90
Wear protection tests				
FBT weld load	DIN 51 350-4		N	2.200
Releases / Specifications				
Food industry				NSF H1 Reg.-No. 137619
Minimum shelf life	original closed container	cool, dry storage	month	36

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