



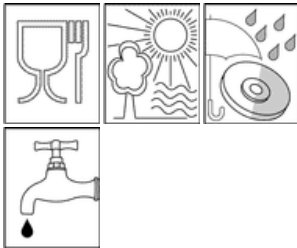
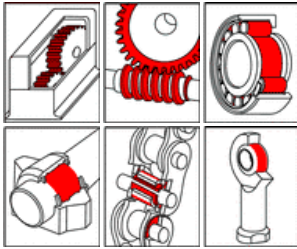
## OKS 474 - Product Information

### Fields of Application:

For closed gear units and geared motors, plain and friction bearings even at higher rotating speeds, e.g. on filling and packaging machines. For joints, propeller shafts and chains when grease lubrication is specified.

### OKS 474

**Fluid Grease (also for food processing technology)**



### Advantages and Benefits:

Toxicologically harmless as defined in Sec. 31, Para. 1 of German Foodstuffs and Essential Commodities Act. Formula in accordance with FDA guidelines. Long operating times due to good resistance to oxidation and ageing. Reduced wear due to highly adhesive, load-bearing lubricating film. Excellent corrosion protection due to special additives. Low dynamic viscosity enables use with minimal bearing play and gear unit spaces. Very high resistance to hot and cold water, watery-alkaline and acidic disinfectants and cleaning agents.

### 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 gears in a way that all the functional surfaces for sure transport the grease. Fill bearings in a way that all the functional surfaces for sure get the grease. Observe the instructions of the gear- bearing or machine manufacturer. Relubrication with automatic lubrication system or with a brush or spatula. 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):

- 1 kg Tin (00474034)
- 5 kg Hobbock (00474050)
- 25 kg Hobbock (00474062)
- 180 kg Drum (00474070)

Version

E-04.1/05

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# OKS 474 Fluid Grease (also for food processing technology)

## Technical Data

	Norm	Conditions	Unit	Value
Classification	DIN 51 502	DIN 51 825		KE0P-20
<b>Base Oil</b>				
Type				Ester
Viscosity	DIN 51 562-1	+40°C	mm²/s	130
Flash point	DIN ISO 2592	> 79	°C	280
<b>Thickener</b>				
Type				Polyurea
Consistency	DIN 51 818	DIN ISO 2137	NLGI- class	0
Worked penetration	DIN ISO 2137	60 DH	0,1 mm	355 - 385
apparent dynamic viscosity	DIN 51 810	D 300s-1, $n_a$ und $n_e$	mPas s	1.970
Flow pressure	DIN 51 805	+25°C	mbar	270
Drop point	DIN ISO 2176		°C	220
<b>Application Data</b>				
Colour				light-coloured
<b>Service Temperatures</b>				
Minimum service temperature	DIN 51 805	< 1.400 hPa	°C	-20
Maximum service temperature	DIN 51 821-2	F <sub>50</sub> (A/1500/600), 100h	°C	160
DN- value			mm min	500.000
<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	0
SKF-EMCOR, on copper	DIN 51 802		Corr.-Grad 1-5	0 and 0
<b>Wear protection tests</b>				
VBT- weld load (Four ball test rig)	DIN 51 350-4		N	1.400
VBT- wear	DIN 51 350-5	1.420 U/min/1 h/800 N	mm	1,8
Biodegradability	CEC-L-33-T-82	21 days	%	> 80
<b>Releases / Specifications</b>				
Food industry				Acc. §31, para. 1, LMBG acc. FDA 21 CFR 178.3570

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