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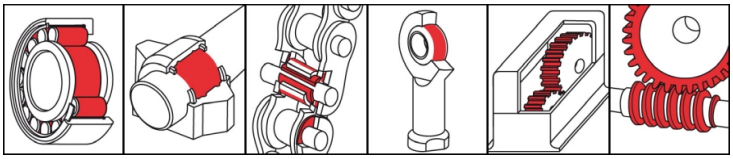
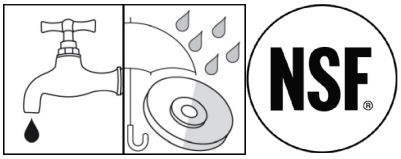
OKS 473
Fluid Grease





Description

OKS 473 is a fluid grease for closed gears, rolling and friction bearings with minimal gearing play and high speeds, at low temperatures as well as low coasting torques.

Applications

- 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

Branches

- Catering equipment and food processing technology
- Iron and steel industry
- Plant and machine (tool) engineering
- Glass and foundry industry
- Municipal services
- Shipbuilding and marine technology
- Logistics
- Chemical industry
- Rubber and plastic processing
- Rail vehicle technology
- Paper and packaging industry

Advantages and benefits

- Toxicologically harmless as defined in German LFGB
- Formula in accordance the FDA guideline 21 CFR 178.3570
- NSF H1 registered
- Long operating times due to good resistance to oxidation and ageing
- Reduced wear due to highly adhesive, load-bearing lubricating film
- Excellent corrosion protection
- Low dynamic viscosity enables use with minimal bearing play and gear unit spaces
- Good pumpability with central lubricating systems
- Very high resistance to hot and cold water, watery-alkaline and acidic disinfectants and cleaning agents

Application tips

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.

Packaging

- 1 kg Can
- 5 kg Hobbock
- 25 kg Hobbock

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Technical data

	Standard	Conditions	Unit	Value
Main components				
base oil				polyalphaolefine
thickener				aluminium-complex soap
Application related technical data				
marking	analogue to DIN 51 502			GPHC00K-40
marking	analogue to DIN 51 502			KPHC00K-40
Viscosity base oil	DIN 51 562-1	at 40°C	mm^2/s	160
Viscosity base oil	DIN 51 562-1	at 100°C	mm^2/s	21
drop point	DIN ISO 2176		°C	> 200
consistency	DIN 51 818	DIN ISO 2137	NLGI grade	0-00
worked penetration	DIN ISO 2137	60DH	0.1 mm	370-430
lower operating temperature			°C	-45
upper operating temperature			°C	120
colour				yellow
density	DIN 51 757	at 20°C	g/cm^3	0.85
FZG wear protection test	DIN 51 354 T2	A2/76/50	power level	11
Properties and approvals				
approval for food processing technology				NSF H1, Reg.-Nr. 140485

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