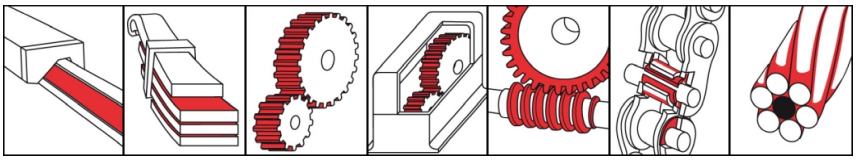
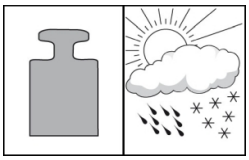
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OKS 495
Adhesive Lubricant





Description

Adhesive lubricant for priming and continuous lubrication of heavily loaded tooth flanks and sliding surfaces.

Applications

- Lubrication of tooth flanks and sliding surfaces of machine elements of all types, for example sliding bearings, slideways, guides, etc.
- Run-in lubrication of heavily loaded tooth flanks and sliding surfaces
- Lubrication of jackscrews in the motor vehicle and train technology
- Cable lubrication

Advantages and benefits

- High effectiveness thanks to graphite share
- Extremely low friction at highest load
- Increased operational reliability of moving parts due to run-in-supporting formation of sliding film
- Minimum consumption due to realisable thin-film lubrication
- Excellent pressure resistance
- Waterproof
- Free of bitumen, solvents, heavy metals and chlorine

Branches

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

Application tips

For optimum effect, carefully clean the lubricating point, for example with OKS 2610/OKS 2611 universal cleaner. Apply grease evenly to the functional surfaces by dabbing on or rubbing with a hard brush. Avoid excesses. Do not apply under -15°C. Observe the gear and machine manufacturer's instructions! Assess the lubrication frequency and quantity on basis of service conditions. Only mix with suitable lubricants.

Packaging

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

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Adhesive Lubricant

Technical data

	Standard	Conditions	Unit	Value
Main components				
base oil				synthetic oil
base oil				mineral oil
thickener				aluminium-complex soap
solid lubricants				graphite
additives				EP additives
Application related technical data				
marking	DIN 51 502	DIN 51 825		OGPF1S-30
Viscosity base oil	DIN 51 562-1	at 40°C	mm^2/s	500
Viscosity base oil	DIN 51 562-1	at 100°C	mm^2/s	31
drop point	DIN ISO 2176		°C	> 220
consistency	DIN 51 818	DIN ISO 2137	NLGI grade	1
worked penetration	DIN ISO 2137	60DH	0.1 mm	310-340
lower operating temperature		functionality lubricating film	°C	-40
upper operating temperature		depending on relubrication	°C	200
colour				black
density	DIN EN ISO 3838	at 20°C	g/cm^3	1.07
water resistance	DIN 51 807-1	40°C	Degree	0-40
four-ball test rig welding load	DIN 51 350-4		N	4,200
four-ball test rig wear	DIN 51 350-5	1h, 400N	mm	< 1.0
SKF-EMCOR Copper	DIN 51 811	24h, 100°C	corr. degree	1
FZG wear protection test	DIN 51 354 T2	A2/76/50	power level	> 12
Properties and approvals				
UFI				109G-Q0E6-V002-4QWQ

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The data in this document is based on our general experience and knowledge at the time of publication and is intended to give information of possible applications to a reader with technical experience. It constitutes neither an assurance of product properties nor does it release the user from the obligation of performing preliminary field tests with the product selected for a specific application. All data are guide values which depend on the lubricant's composition, the intended use and the application method. The technical values of lubricants change depending on the mechanical, dynamical, chemical and thermal loads, time and pressure. These changes may affect the function of a component. We recommend contacting us to discuss your specific application. If possible we will be pleased to provide a sample for testing on request. Klüber products are continually improved. Therefore, Klüber Lubrication reserves the right to change all the technical data in this document at any time without notice.

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