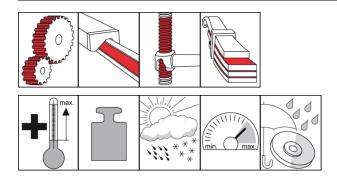




OKS 490

Toothed Gearing Grease, sprayable



Description

OKS 490 is a gear lubrication grease for open and half open gears.

Applications

- For highest contact pressure and high circumferential speed, e.g. for rotary kilns, ball mills, rotary barrel mixers, ball mills, rope winches or friction presses also for guiding elements, slide bars, heavy transport chains and closed wire ropes
- Lubrication of rotating assemblies of convertors, cranes, crushers and dredges with spray or central lubricating systems
- · Lubrication of heavily loaded gear couplings

Branches

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

Advantages and benefits

- Most suitable for reliable supply of open gears, even at high circumferential speed
- Very efficient through EP additives in association with a specific combination of solid lubricants and adhesive additives
- Reliable protection of tooth flanks, even at high temperatures and with extended relubrication time
- Good pressure resistance of the lubricating film, excellent wear protection
- The film is not embrittling and aging. Without bitumen, solvent, does not contain heavy metals

Application tips

For best results clean the sliding surfaces carefully, e.g. with OKS 2610/OKS 2611 Universal Cleaner. For lubrication with spray lubricating systems, with a brush or a spatula. Instructions of the gear or machine manufacturer should be observed. Relubrication periods and amount should be defined according to the operating conditions. Avoid overfeeding. Only mix with appropriate lubricants.

Packaging

- 1 kg Can
- 5 kg Hobbock

- 25 kg Hobbock
- 180 kg Drum











OKS 490

Toothed Gearing Grease, sprayable

Technical data

	Standard	Conditions	Unit	Value
Main components				
base oil				mineral oil
thickener				aluminium soap
solid lubricants				graphite
additives				EP additives
Application related technica	l data			
marking	DIN 51 502	DIN 51 825		OG PF 0 S-30
viscosity (at 40°C)	DIN 51 562-1	base oil	mm²/s	1,000
viscosity at (100°C)	DIN 51 562-1	base oil	mm²/s	53
drop point	DIN ISO 2176		°C	90
consistency	DIN 51 818	DIN ISO 2137	NLGI grade	0
worked penetration	DIN ISO 2137	60DH	0.1 mm	355-385
lower operating temperature		lubricating film	°C	-30
upper operating temperature		at relubrication	°C	220
colour				black
density (at 20°C)	DIN EN ISO 3838		g/cm³	0.98
water resistance	DIN 51 807-1	40°C	Degree	0-40
four-ball test rig welding load	DIN 51 350-4		N	approx. 6,500
four-ball test rig wear	DIN 51 350-5		mm	< 0.8
SKF-EMCOR Copper	DIN 51 802	24h, 100°C	corr. degree	1-100
FZG wear protection test	DIN 51 354	A2/76/50	power level	> 12
Properties and approvals				
UFI				

OKS Spezialschmierstoffe GmbH

Ganghoferstraße 47 82216 Maisach

4 +49 8142 3051 - 500

☑ info@oks-germany.com

★ www.oks-germany.com





The information in this publication reflects state-of-the-art technology, as well as extensive testing and experience. Due to the diversity of possible applications and technical realities, they can only serve as recommendations and are not arbitrarily transferable. Therefore, no obligations, liability or warranty claims can be derived from them. We only accept liability for the suitability of our products for particular purposes, and for certain properties of our products, in the event that we have accepted such liability in writing in the individual case. Any case of justified warranty claims shall be limited to the delivery of replacement goods free of defects, in the event that this subsequent improvement fails, to reimbursement of the purchase price. Any and all further claims, in particular the liability for consequential injuries or damage, shall always be excluded. Prior to use, the customer must conduct its own testing to prove suitability. The data are subject to change for the sake of progress. ** Registered trademark**

*Product restricted to professional users. Safety data sheet available for download at www.oks-germany.com**

Our Customer and Technical service will be pleased to help should you have any further questions.





