



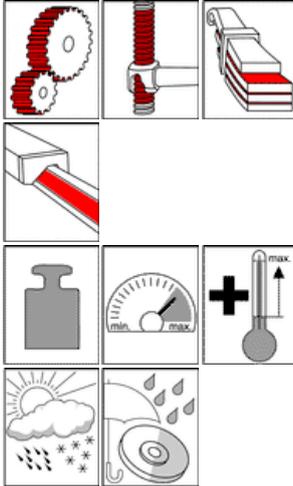
OKS 490 - Product Information

Fields of Application:

Lubrication of open, half open gears, even outdoors; 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.

OKS 490

**Gear lubrication grease,
sprayable**



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:

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. For additional questions contact our Technical Department

Additional Information:

Packaging (article number):

- 1 kg Tin (00490034)
- 5 kg Hobbock (00490050)
- 25 kg Hobbock (00490062)
- 180 kg Drum (00490070)

Version:

E-01.3/07

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Gear lubrication grease, sprayable

Technical Data

	Norm	Conditions	Measurement	Value
Classification	DIN 51 502	DIN 51 825		OG PF 0 S-30
Base oil				
Type				Mineral oil
Viscosity	DIN 51 562-1	40°C	mm ² /s	1000
	DIN 51 562-1	100°C	mm ² /s	44
Thickener				
Type				Aluminium soap
Consistency	DIN 51 818	DIN ISO 2137	NLGI- class	0
Worked penetration	DIN ISO 2137	60 DH	0,1 mm	355 - 385
Drop point	DIN ISO 2176		°C	> 90
Additives				
Solid lubricants, type				Graphite, ultra fine
Additives				EP
Application Data				
Density	DIN EN ISO 3838	+20°C	g/cm ³	0,98
Colour	none			black
Service Temperatures				
Minimum service temperature		lubricating film	°C	-30
Maximum service temperature		at relubrication	°C	220
Water resistance	DIN 51 807-1	+40 °C	Grade 1-3	0 - 40
Corrosion protection tests				
SKF-EMCOR, on copper	DIN 51 802	24h/100°C	Corr.-Grade 1-5	1 - 100
Wear Protection Tests				
VBT- weld load	DIN 51 350-4		N	appr. 6.500
VBT-wear	DIN 51 350-5		mm	<0,8
Gear tests				
FZG- damage step	DIN 51 354	A2, 76/50	Power step 1-10	> 12
FZG- wear	DIN 51 354	A2, 76/50	mg/kWh	< 0,25

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