

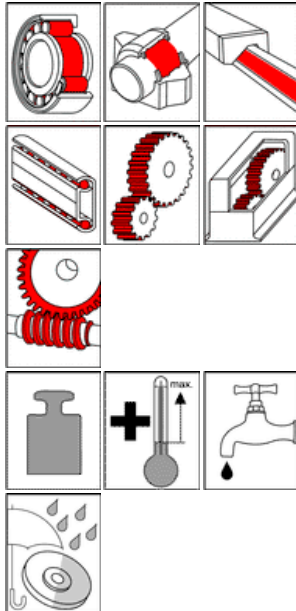


## OKS 427 - Product Information

### Fields of Application:

Lubrication of highly stressed and relatively slowly running gears where due to leakage a grease must be used instead of oil. For drives under high and shock load. Chain lubrication of e.g. hollow pins, chains in the conveyor and transport field, under the influence of water and vapour and at higher operation temperatures. Bearing lubrication of roller and plain bearings at annealing furnaces and drying equipments, manipulators and robots, conveyor and cooling systems, machines of preserve industry, steam sterilizers, etc.

### OKS 427 Gear and Bearing Grease



### Advantages and Benefits:

Best use in corrosive operation conditions with high operation temperatures and high pressure and shock load. Economically due to optimum formulation. Reduces wear and thereby downtime and enables long-term lubrication. Ropy, strongly adhesive, temperature and water resistant, noise dampening, high-load and shock absorbing.

### Application:

For optimum effect clean thoroughly the lubrication point e.g. with OKS 2610/2611 Universal Cleaner. Before initial filling remove corrosion protection agent. Fill bearing so that all functional areas receive grease for sure. Normal bearings are filled up to 1/3 of the free interior housing space. Slow-running bearings (DN value < 50.000) and their housings have to be completely filled. Fill gear housings only up to 3/4. Instructions of the bearing and machine manufacturer have to be observed. 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. Do only mix with suitable lubricants. For further questions please contact our technical department.

### Additional Information:

Packaging (article number):  
- 5 kg hobbock (00427050)  
- 25 kg hobbock (00427062)  
- 180 kg drum (00427070)

Version  
E-12.1/07

The data in this brochure are the result of extensive testing and experience and meet the latest stage of engineering. Due to the diversity of application possibilities and technical realities they can only be recommendations and are not arbitrarily transferable; thus no obligations, liability or warranty claims can be derived herefrom. We accept liability for the fitness of our products for particular purposes and accept such liability in writing in the individual case. In any event any justified warranty claims shall be limited to the delivery of replacement goods which are free from defect or, in the event that such subsequent improvement fails, to reimbursement of the purchase price. Any and all further claims, in particular but without limitation any liability for consequent damage, shall be excluded. Prior to use own testing must be done to prove suitability. The data are subject to change for the sake of technical progress. ® = Registered Trademark



# OKS 427 Gear and Bearing Grease

## Technical Data

	Norm	Conditions	Unit	Value
Classification	DIN 51 502	DIN 51 825		GP0/00P-10
<b>Base oil</b>				
Type				mineral oil, synthetic oil
Viscosity	DIN 51 562-1	40°C	mm <sup>2</sup> /s	490
	DIN 51 562-1	100°C	mm <sup>2</sup> /s	32
<b>Thickener</b>				
Type				polyurea
Consistency	DIN 51 818	DIN ISO 2137	NLGI class	0 - 00
Worked penetration	DIN ISO 2137	60 double strokes	0,1 mm	380 - 420
<b>Application data</b>				
Density	DIN EN ISO 3838	+20°C	g/cm <sup>3</sup>	0,9
Colour				Brownish
<b>Service temperatures</b>				
Minimum service temperature			°C	-15
Maximum service temperature			°C	160
Water resistance	DIN 51 807-1	+90°C	grade 1-3	1 - 90

The data in this brochure are the result of extensive testing and experience and meet the latest stage of engineering. Due to the diversity of application possibilities and technical realities they can only be recommendations and are not arbitrarily transferable; thus no obligations, liability or warranty claims can be derived herefrom. We accept liability for the fitness of our products for particular purposes and accept such liability in writing in the individual case. In any event any justified warranty claims shall be limited to the delivery of replacement goods which are free from defect or, in the event that such subsequent improvement fails, to reimbursement of the purchase price. Any and all further claims, in particular but without limitation any liability for consequent damage, shall be excluded. Prior to use own testing must be done to prove suitability. The data are subject to change for the sake of technical progress. ® = Registered Trademark