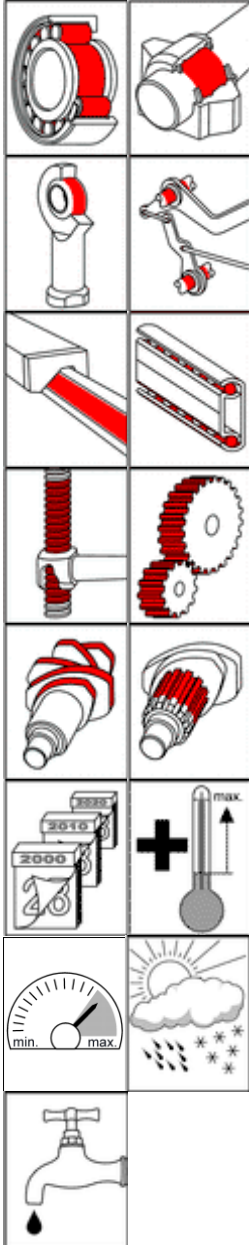




OKS 425 – Product Information

OKS 425 Synthetic Long-Life Grease



Fields of Application:

For the long time- or for lifetime- lubrication of fast running roller and plain bearings as well as linear guides, threaded and ball screw spindles, small gears and similar components, exposed to high pressures and higher temperatures.

Advantages and Benefits:

Good adhesive and good media resistant, synthetic long time lubricant with good low-temperature behaviour, stress absorbing ability and smooth run at high speeds. The good plastic compatibility enables the application in combination with plastic materials. The low start and running moment, especially at low temperatures, enables a high efficiency. The good wear protection increases the life time of the part and makes sure a reliable function.

Application:

For best results clean the lubrication point with OKS 2610/ OKS 2611 Universal Cleaner. Remove the corrosion protection media before initial filling. Fill the bearings in a way that all the functional surfaces are lubricated sufficiently. Slow moving bearings (DN-value < 50.000) should be filled completely. Fast running bearings (DN-value >400.000) should be filled to 1/4, normal moving bearings to 1/3 of the free inner housing space. Observe the instructions of the bearing or machine manufacturer. Relubrication with a grease gun through the grease nipples or with an automatic lubrication system. 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. For longer relubrication intervals, a complete exchange of the old grease is recommended. Mix with appropriate lubricants only. For additional questions please contact our Technical Department.

Additional Information:

Packages (Article number):
- 400 g Cartridge (00425019)
- 1 kg Tin (00425034)
- 5 kg Hobbock (00425050)

Version
E-04.1/13

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Technical Data

	Norm	Conditions	Unit	Value
Classification	DIN 51 502	DIN 51 825		KPHC2K-50
Base Oil				
Type				Polyalfaolefine
Viscosity	DIN 51 562-1 DIN 51 562-1	40°C 100°C	mm ² /s mm ² /s	30 6
Pourpoint	DIN ISO 3016	3°C step	°C	< -50
Flashpoint	DIN ISO 2592	> 79	°C	> 200
Thickener				
Type				Spec. calcium soap
Consistency	DIN 51 818	DIN ISO 2137	NLGI- class	2
Worked penetration	DIN ISO 2137	60 double strokes	0,1 mm	265 - 295
Drop point	DIN ISO 2176		°C	> 220
Oil separation	DIN 51 817	7d/40°C	weight -%	< 3
Application Data				
Density	DIN EN ISO 3838	+20°C	g/cm ³	0,89
Colour				beige
Service Temperatures				
Minimum service temperature	DIN 51 805	< 1.400 hPa	°C	-50
Upper service temperature	DIN 51 821-2	F ₅₀ (A/1500/6000), 100h	°C	130
Maximum service temperature			°C	180
DN- value			mm min	1.000.000
Water resistance	DIN 51 807-1	90°C	grade 1-3	1
Corrosion Protection Tests				
SKF-EMCOR	DIN 51 802	7d/dest. water	Corr.-grade 0-5	< 1
Corrosion on copper	DIN 51 811	24h/120°C	Corr.-grade 0-5	1
Wear Protection Tests				
VBT- weld load (Four ball test rig)	DIN 51 350-4		N	3.400

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