



## OKS 471 - Product Information

### Fields of Application:

Lubrication of parts subject to high levels of stress such as plain, roller and rod-end bearings, spindles and guideways in machines in food and beverages, textile, clothing, paper and cardboard industries, in precision machinery and in household appliances.

### OKS 471

#### White Universal High-Performance Grease, Spray

### Advantages and Benefits:

Highly suitable as a safety grease for lubrication points free of contamination. Saving of maintenance and lubrication costs by reducing downtimes and corrective maintenance.

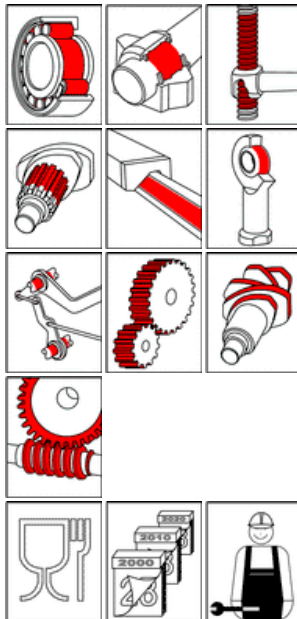
### Application:

For highest effectiveness, carefully clean the lubrication point, for example with OKS 2610 or OKS 2611 universal cleaner. Before filling for first time, remove anti-corrosion agent. Spray evenly a thin layer on the function surfaces. Let the solvents exhaust. Only mix with suitable lubricants. Our customer advice service will be pleased to help should you have any further questions.

### Additional Information:

Packaging (Article number):  
- 500 ml Spray (00471005)

Version:  
D-05.1/05



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## OKS 471 White Universal High-Performance Grease, Spray

### Technical Data

	Norm	Conditions	Unit	Value
Classification	DIN 51 502	DIN 51 825		KF2K-30
<b>Base Oil</b>				
Type				Mineral oil
Viscosity	DIN 51 562-1	40°C	mm²/s	108
	DIN 562-1	100°C	mm²/s	11
Pourpoint	DIN ISO 3016	3°C step	°C	-27
Flash point	DIN ISO 2592	> 79	°C	> 220
<b>Thickener</b>				
Type				Lithiumhydroxystearat
Consistency	DIN 51 818	DIN ISO 2137	NLGI- class	2
Worked penetration	DIN ISO 2137	60 DH	0,1 mm	265 - 295
Drop point	DIN ISO 2176		°C	195
Oil separation	DIN 51 817	168h/40°C	Mass-%	4,83
<b>Additives</b>				
Solid_lubricants,type				white solid lubricants
Solid lubricants, particle size	DIN 51 832		mm	< 50
<b>Application Data</b>				
Density	DIN EN ISO 3838	+20°C	g/cm³	0,93
Colour				light-coloured
<b>Services Temperatures</b>				
Minimum service temperature	DIN 51 805	< 1.400 hPa	°C	-30
Maximum service temperature	DIN 51 821-2	F <sub>50</sub> (A/1500/600), 100h	°C	120
DN value			mm min	300.000
Water resistance	DIN 51 807-1	+90°C	Grade 1-3	0 - 40 1 - 90
<b>Corrosion Protection Tests</b>				
SKF-EMCOR	DIN 51 802		Corr.-Grade 1-5	0 and 0
SKF-EMCOR, on copper	DIN 51 811	24h/100°C	Corr.-Grade 1-5	1
<b>Mechanical/Dynamic Test</b>				
SKF_R2F,running_test,A	DIN 51 806	2500 min-1, 20 d, °C		passed
SKF_R2F,running_test,B	DIN 51 806	1500 min-1, 20 d, 120°C		passed
<b>Wear Protection Tests</b>				
VBT- weld load (Four ball test rig)	DIN 51 350-4		N	3.800
VBT- wear	DIN 51 350-5	1.420 U/min/1 h/800 N	mm	0,3
<b>Releases/Specifications</b>				
Food industry				approved §31, art. 1, LMBG according to USDA H2

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