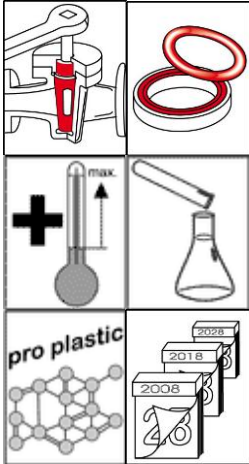




## OKS 4230 - Product Information

### OKS 4230 Extreme-Pressure Oxygen Armature Grease



Nonfood Compounds  
Program Listed  
H1 Reg. No. 135755

#### Fields of Application:

Lubricant for armatures with gaseous oxygen contact, at high pressure and high temperatures in chemical systems and equipment. Lubricant for diving and respiration equipment.

#### Advantages and Benefits:

Good wetting, fully synthetic lubricant with extraordinary resistance to media. Minimum evaporation losses, also at high service temperatures. Complies to the requirements of the FDA guideline 21 CFR 178.3570 and is registered under NSF H1 category with the number 135755.

Suitable for autoclaves in the medical technology. Highly compatible to plastics and elastomers.

#### Application:

Before applying OKS 4230, all functional areas have to be cleaned thoroughly with a residue-free evaporating solvent cleaner like e.g. OKS 2610 / OKS 2611 Universal Cleaner and then dried off with clean and dry compressed air, like e.g. OKS 2721 Compressed-Air spray. Apply evenly thin on the functional area. When applied in systems with gaseous oxygen, the pressure and temperature limits have to be observed. Mix with suitable lubricants only. For further questions please contact our technical department.

#### Additional Information:

##### Packaging:

- 250 g Dispenser
- 1 kg tin

##### Version:

E-01.1/14

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### Extreme-Pressure Oxygen Armature Grease

#### Technical data

	Norm	Conditions	Unit	Value
Classification	DIN 51 502	DIN 51 825		MFFK2U-60
<b>Base Oil</b>				
Type				Perfluoropolyether
Viscosity	DIN 51 562-1	+40°C +100°C	mm <sup>2</sup> /s mm <sup>2</sup> /s	300 85
Flash point	DIN ISO 2592	> 79	°C	not measurable
<b>Thickener</b>				
Type				PTFE
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	not measurable
<b>Application data</b>				
Density	DIN EN ISO 3838	+20°C	g/cm <sup>3</sup>	2,0
Colour				white
<b>Service temperatures</b>				
Minimum service temperature	DIN 51 805	< 1.400 hPa	°C	-60
Maximum service temperature			°C	260
<b>Corrosion protection tests</b>				
Corrosion on copper	DIN 51 811	24 h/100 °C	Corr.-grade 0 - 5	1
<b>Wear protection tests</b>				
Four ball test weld load	DIN 51 350-4		N	4.000
<b>Oxygen</b>				
Maximum oxygen pressure		up to 60°C	bar	260
<b>Releases</b>				
Food industry				NSF H1 Reg.-No. 135755

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