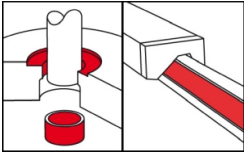


# OKS 280

## White High-Temperature Paste



### Description

OKS 280 is a lubricating paste for temperature-stressed sliding surfaces.

### Applications

- Lubrication for thermoforming processes, e.g. drop-forging, hot extrusion, hot rolling or hot bending of steel and non-ferrous metals
- Thin-film lubrication of sliding surfaces of all kinds on production machines, e.g. column guides of forging presses

### Branches

- Logistics
- Shipbuilding and marine technology
- Glass and foundry industry
- Rubber and plastic processing
- Paper and packaging industry
- Plant and machine (tool) engineering
- Chemical industry
- Iron and steel industry
- Municipal services
- Rail vehicle technology

### Advantages and benefits

- Excellently suited for improving workpiece surfaces and increasing tool service life
- Highly effective due to optimum solid lubricants with good separating effect
- Broad range of uses for various thermoforming processes
- Low consumption due to thin-film lubrication
- Marked separating and lubricating functions in all temperature phases
- Free of graphite, which can lead to carburising of tool and workpiece

### Application tips

For best adhesion, clean contamination and other lubricants from slide surfaces. Best way is to clean mechanically first and then with OKS 2610 or OKS 2611 universal cleaning agent. Use a brush, spatula or similar to apply evenly a suitable quantity of paste onto surface. The paste will also act as a sealant. Do not use paste instead of grease and mix only with suitable lubricants.

### Packaging

- 1 kg Can
- 5 kg Hobbock
- 25 kg Hobbock

# OKS 280

## White High-Temperature Paste

### Technical data

	Standard	Conditions	Unit	Value
<b>Main components</b>				
base oil				mineral oil
thickener				lithium soap
solid lubricants				white solid lubricants
<b>Application related technical data</b>				
viscosity (at 40°C)			mm <sup>2</sup> /s	approx. 90
flashing point	DIN ISO 2592	> 79	°C	> 200
unworked penetration	DIN ISO 2137	no shear stress	0.1 mm	260-290
lower operating temperature			°C	-15
upper operating temperature			°C	1,150
colour				white
density (at 20°C)	DIN EN ISO 3838		g/cm <sup>3</sup>	1.7
four-ball test rig welding load	DIN 51 350-4		N	2,400
Total friction coefficient (μ)	DIN EN ISO 16 047	screw ISO 4017 M10x55-8.8 black-oxide, nut ISO 4032 M10-10 black-oxide		0.09
breakaway torque	DIN 267-27	M10 A2, 40 Nm, 400 °C, 100 h	Nm	< 2,5 x tightening torque
<b>Properties and approvals</b>				
UFI				

### OKS Spezialschmierstoffe GmbH

Ganghoferstraße 47  
 82216 Maisach  
 +49 8142 3051 - 500  
 info@oks-germany.com  
 www.oks-germany.com



The information in this publication reflects state-of-the-art technology, as well as extensive testing and experience. Due to the diversity of possible applications and technical realities, they can only serve as recommendations and are not arbitrarily transferable. Therefore, no obligations, liability or warranty claims can be derived from them. We only accept liability for the suitability of our products for particular purposes, and for certain properties of our products, in the event that we have accepted such liability in writing in the individual case. Any case of justified warranty claims shall be limited to the delivery of replacement goods free of defects, in the event that this subsequent improvement fails, to reimbursement of the purchase price. Any and all further claims, in particular the liability for consequential injuries or damage, shall always be excluded. Prior to use, the customer must conduct its own testing to prove suitability. The data are subject to change for the sake of progress. ® = Registered trademark  
**Product restricted to professional users.** Safety data sheet available for download at [www.oks-germany.com](http://www.oks-germany.com)  
 Our Customer and Technical service will be pleased to help should you have any further questions.