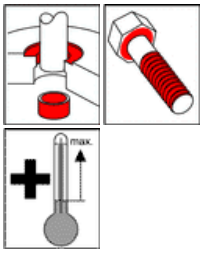
OKS 280 - Product Information

OKS 280
White High-Temperature Paste



Fields of Application:

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.

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:

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. Our customer advice service will be pleased to help should you have any further questions.

Additional Information:

Packaging (Article number):
- 1 kg Tin (00280034)
- 5 kg Hobbock (00280050)
- 25 kg Hobbock (00280062)

Version:
E-04.1/05

OKS 280
White High-Temperature Paste

Technical Data

	Norm	Conditions	Unit	Value
Base Oil				
Type				Mineral oil
Flash point	DIN ISO 2592	> 79	°C	> 200
Thickener				
Unworked penetration	DIN ISO 2137	no shear stress	0,1 mm	260 - 290
Additives				
Solid lubricants, type				white solid lubricants
Application Data				
Density	DIN EN ISO 3838	+20°C	g/cm³	1,7
Colour				white
Maximum service temperature - separation			°C	1150
Wear Protection Tests				
VBT- weld load (Four ball test rig)	DIN 51 350-4		N	2.400
Friction Values				
Thread friction value	DIN EN ISO 16047	Screw: ISO 4017 M10x55-8.8 plane Nut: ISO 4032 M10-10 plane	µ	0,09
Break-loose torque	DIN 267-27	Plane, 400°C/100h	Nm	< 2,5 x tightening torque