

TECHNICAL DATA SHEET

0893 123

High-Temperature Lubricating Paste HSP 1400 (300ml)

Gray, metal-free paste that lubricates excellently, reduces wear, reliably separates and provides outstanding corrosion protection. For universal use. Supple and highly adhesive.

Fields of application:

- Ideally suited as separating paste for stainless-steel screw connections.
- Flange connections, bolts, screws and nuts
- Splined shafts and joints of all kinds
- Movable brake parts (not for friction surfaces)
- Pressed connections for plain and anti-friction bearings, flywheels and impellers
- Heavy-duty stroke spindles
- Slideways, bed racks, column guides

Properties:

- High pressure resistance ensures smooth movement and minimal wear
- Prevents corrosion, seizing and burning together
- Ensures uniform loosening of screwed connections
- Does not contain metallic pigments and is free from MOS₂ and additives containing sulfur
- Non-toxic
- Silicone-free

Application:

Removing residues of all kinds from surfaces; preferably mechanically (wire brush) and/or with cleaner. Thin-film lubrication of loaded threads and surfaces: Apply evenly with brush on entire surface. Do not use like grease.

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Technical data:

Chemical basis	Synthetic mineral oil mixture with organic thickener and white solid lubricant combination		
Cone penetration	1/10 mm	269	DIN ISO 2137
Kinematic viscosity at +40°C	mm ² /s	approx. 26	DIN 51 562
Corrosion protection test	Salt spray test	> 500 hours	DIN 50021
Four-ball tester acceptable	N	3800/4000	DIN 51350.4
SRV	(cylinder/plate; 450 N, 1000 , μm, 580 Hz. 2h)		
	- Friction coefficient	0.10 - 0.13	
	- Wear depth	0.3 μm	
Temperature resistance	(Temp. lubricant)	- 40°C to +1400°C	
Processing temperature		0°C to 40°C	

Remarks:

Not suitable for bearing lubrication

This advice is based on our own research and experience. It is presented in good faith and may be considered reliable. However, due to the diverse processing, application and handling possibilities the information provided may not be considered legally binding. The same applies to the information provided by our technical and commercial customer service.

We recommend the users of our products to perform their own tests in order to determine whether our products are appropriate for the respective use and environment. We guarantee the consistent quality of our products. We reserve the right to implement technical changes and improvements.