

## HSP1400 HIGH-TEMPERATURE LUBRICATING PASTE



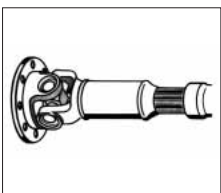
Gray, metal-free paste which lubricates very well, reduces wear, separates reliably and provides outstanding corrosion protection. Not suitable for bearing lubrication. For universal use, supple and highly adhesive. Product is non-toxic, contains no metallic pigments and is free of graphite,  $\text{MOS}_2$  and additives containing sulfur.

- Silicone-free.
- Ideal as separating paste for stainless-steel screw joints.

Technical data	
Base	Synthetic mineral oil mixture with organic thickener and white solid lubricant combination.
Temperature range	-40°C to +1,400°C (temperature range of solid lubricants)
Test data	Tests in mixed friction area Four-Ball Tester Acceptable Load/Welding Load 3,800/4,000 N, DIN 51350,4 SRV (cylinder/plate; 450 N, 1,000 µm, 50 Hz.2h) - Friction coefficient: 0.10 - 0.13 - Wear depth: 0.3 µm Corrosion-protection test Salt-spray test > 500 h, DIN 50 021

Spray can		
Content in mL	Art. No.	P. Qty.
300	<b>0893 123</b>	1/12

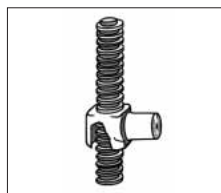
### Areas of use



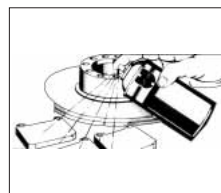
Splined shafts and joints of all kinds  
 - High pressure resistance ensures smooth movement and minimal wear



Slide and roller bearings, fly-wheels and runners.  
 - Non-destructive pressing in and out.



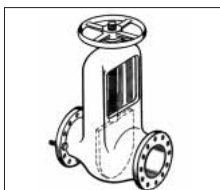
- Operational readiness  
 - Protection of the edges from wear and seizing.



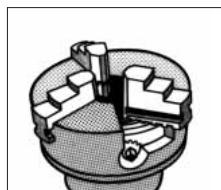
Brake pads  
 - Prevents corrosion, seizing up and sticking on disk brake pads.  
 - Prevents squeaking and wear.



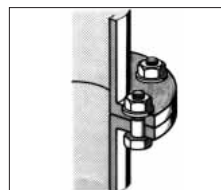
Press fittings on slide bearings, bed tracks and column guides  
 - Smooth, jerk-free movements, even at low speeds.  
 - Emergency lubrication for additional lubrication with greases or oils.  
 - Protection against edge pressing



Heavy-duty stroke spindles  
 Shut-off valves, taps, slide valves  
 - Smooth movement of adjustment spindles.  
 - Uniform tightening torques and non-destructive dismantling of screw connection.



Brake parts, clamping chucks, heavy clamped connections  
 - Ensures high clamping forces.  
 - Ensures uniform tightening and loosening.  
 - Adhesive, water-resistant lubricating film.



Flange connections, pins, screws, bolts and nuts  
 - Ensures even tightening torques thanks to the minimum friction coefficient distribution.  
 - Non-destructive dismantling, even after long effects of heat exposure.  
 - Prevents seizing up, e.g. with stainless-steel bolts.

### Application

For cleaning surfaces of all types of residues (oxide, paint and scale layers, old lubricants).

Optimally using mechanical means (wire brush) and a cleaner.

Thin-film lubrication of loaded threads and surfaces: Apply evenly with brush or spray on over entire surface. Do not use like grease.

### Industry information

Machine tools of all kinds, construction machines, agricultural machines, vehicles, conveyor technology, pipeline construction, assembly/maintenance/repair departments, mechanical workshops, tool manufacturing.