

TECHNICAL DATA SHEET

High-temperature lubricant paste HSP 1400

Art. no. 0893 123

P. Qty.: 1 / 12

Grey, metal-free lubricant paste that reduces wear, separates surfaces reliably and provides outstanding corrosion protection.

- High compressive strength ensures smooth movement and minimal wear
- Prevents corrosion, seizing and burning on
- Ensures uniform loosening of screw connections
- Non-toxic



Chemical basis	Mixed synthetic mineral oil with organic thickener and white solid lubricant combination
Colour	Grey
Smell/fragrance	Characteristic
Density	0.973 g/cm ³
Min. processing temperature	0 °C
Max. processing temperature	40 °C
Min. temperature conditions	-40 °C
Max. temperature conditions	1400 °C
Min./max. friction	0.1-0.13 μ
Min. friction	0.1 μ
Max. friction	0.13 μ
Friction force	450 N
Friction force conditions	Friction cylinder/plate, 1000 μ m, 50 Hz, 2 hours
VKA load according to four-ball test	3800 N
Conditions for VKA load according to four-ball test	in accordance with DIN 51350-4 VKA test (Institute for Internal Combustion Engines)
VKA welding load	4000 N
Conditions for VKA welding load	in accordance with DIN 51350-4 VKA test (Institute for Internal Combustion Engines)
Wear depth	0.3 μ m
Resistance in salt-spray test	500 h

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Conditions for resistance in salt-spray test	in accordance with DIN 50021
Silicone-free	Yes
VOC concentration (CH)	69.52 %
Contents	300 ml
Container	Aerosol can
Shelf life from production	24 Month

Application area

Ideal as separating paste for stainless steel screw connections, flange connections, pins, bolts and nuts, all kinds of splined shafts and joints, moving brake parts (not for friction surfaces), crimped connections for journal and roller bearings, flywheels and impellers, heavy-duty stroke spindles, guide slide bearings, guiding ways, pillar guides etc.

Application information

Cleaning of all kinds of residues on surfaces. Mechanical action (wire brush) and/or using a cleaner recommended. Thin-film lubrication of threads and surfaces exposed to loads: Apply evenly with a brush over the entire surface. Do not use like grease.

Proof of performance

NSF H2 registered (no.: 150178)



Notice

Not suitable for lubricating bearings. Contains no metallic pigments and is free of MOS2 and sulphur-containing additives.

The usage instructions are recommendations based on the tests we have conducted and our experience; carry out your own tests before each application. Due to the large number of applications and storage and processing conditions, we do not assume any liability for a specific application result. Insofar as our free customer service provides technical information or acts as an advisory service, no responsibility is assumed by this service except where the advice or information given falls within the scope of our specified, contractually agreed service or the advisor was acting deliberately. We guarantee consistent quality of our products. We reserve the right to make technical changes and further develop products.