Technical Sprays
Assembly Sprays

Copper Paste Spray



Protecting, separating and lubricating agent for highly stressed parts in high-temperature applications

WEICON Copper Paste Assembly Spray is a protecting, separating and lubricating agent which is high-temperature-resistant, corrosion-resistant and strong. It contains no sulphur, lead or nickel. WEICON Copper Paste Assembly Spray is used as an assembly lubricant for all kinds of threaded joints and sliding surfaces. It forms an effective lubricating and separating film, which protects the functional surfaces on plug-in tools, wear bushings, screws, and all kinds of threaded, plug-in and bayonet joints against corrosion and seizing. It can be used to reduce vibration on brake blocks and guides, brake cams and pins, car and truck battery terminals and other electrical connections, wheel bolts and nuts, and on wear bushings at electrical, compressed air and hydraulic hammers.

Technical Data

Base		mineral oil
Consistency classification	DIN 51818	NLGI grade 1
Density		1,1 g/cm³
Silicone-free		yes
Four ball weld test weld load	DIN 51350	3200 N
Cone penetration	DIN ISO 2137	310 - 340 1/10 mm
Temperature resistance		-20 °C to 1.100 °C
Thickener		Alu-complex soap

Friction coefficients

Reibwerte Stahl-blank	
Total friction coefficient	0,13 (min. 0,11)
Friction coefficients threads	0,14 (min. 0,13)
Friction coefficient head	0,12 (min. 0,10)
Reibwert V4A	
Total friction coefficient	0,16 (min. 0,13)
Friction coefficients threads	0,16 (min. 0,12)
Friction coefficient head	0,16 (min. 0,13)
Reibwert Stahl galvanisch verzinkt	
Total friction coefficient	0,10 (min. 0,09)
Friction coefficient threads	0,11 (min. 0,10)
Friction coefficient head	0,09 (min. 0,08)

Surface pretreatment

First clean the surface to be lubricated with WEICON Cleaner S, depending on the degree of soiling. If screws have already been used, process with the wire brush and clean with WEICON Cleaner S. For a better spray function, warm the product up to room temperature.

Application

Shake can before use and apply evenly from a distance of approx. 15 cm. With screws, it is important to apply the Copper Paste down to the base of the thread. This ensures a good sealing effect. In order not to change the properties, the Copper Paste must not be mixed with greases or oils. Copper Paste does not replace an oil or grease lubrication.

Storage

Container is pressurised. Protect from direct sunlight and temperatures above +50 °C.

Instructions for use

When using WEICON products, the physical, safety-related, toxicological and ecological data and regulations in our EC safety data sheets (www.weicon.com) must be observed.

Available sizes

10025953 Copper Paste Spray, 400 ml

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Note
The specifications and recommendations given in this technical data sheet must not be seen as guaranteed product characteristics. They are based on our laboratory tests and on practical experience. Since individual application conditions are beyond our knowledge, control and responsibility, this information is provided without any obligation. We do guarantee the continuously high quality of our products. However, own adequate laboratory and practical tests to find out if the product in question meets the requested properties are recommended. A claim cannot be derived from them. The user bears the only responsibility for non-appropriate or other than specified applications.

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