

## Anti-Seize Paste 1100°C

**Bardahl Anti Seize** is a lubricating and mounting paste applicable for high temperatures. It is a lead-free copper paste with a very high content of inorganic solids. It provides long-term protection for slow-moving machines and engine parts. For example, if screw threads have been affected due to heat, only a cutting torch or a hacksaw can offer a solution. The damaged parts then must be replaced, which is time-consuming.

### The problem

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When two metal parts, which are connected, are exposed to heat for a more extended period, they oxidize on the sides facing each other. Therefore, the crystals of the resulting oxide on one surface in the gap of the different surfaces consume themselves. If vibrations accompany this, a 'cold welding' of both metal surfaces can occur. This then results in completely fixed eating.

### How it works

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**Bardahl Anti Seize** ensures that another metallic agent is placed between metal surfaces, which does not connect to either of the metal surfaces.

The metal surfaces of all kinds of compounds are thus kept separate, even after exposure to very high pressures or temperatures. A thinly applied layer protects without any problems and for a long time against the burning, eating, and rusting of bolts, threaded ends, nuts, hinges, guides, etc. In addition, it offers protection against oxidation, corrosion, vibration, wear, and deterioration. Due to the balanced composition of this product, the assembly and disassembly of screws, bolts, and nuts are greatly simplified.

The welding of metal by extreme pressures and temperatures is prevented using **Bardahl Anti Seize**. It also prevents the beeping of disc brakes (see separate description).

### Test

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Extensive tests at high temperatures, varying loads, and humidity levels have demonstrated the efficacy of **Bardahl Anti Seize**.

## Application

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— **General industrial applications**

They are locking bolts and markers of machine parts such as pumps, mixing installations, and hinge points of presses—locking bolts of bulldozers, loading cranes, draglines, etc.

— **Steelworks**

Bolts of safety valves and various other parts are exposed to high temperatures.

— **Power plants**

High-pressure flanges of boilers. Head bolts of lids for turbo generators and turbo fans. Turnbuckles and nuts of high-pressure boilers.

— **Automotive industry.**

For mounting all those parts that need to be disassembled later, such as bolts on exhausts, seals, and door locks. To prevent beeping noise in writing brake systems.

— **Welding work**

Protects against splashing when using CO<sup>2</sup> welding equipment on the threads of nozzles, guide bushings, and the attachment points of welding burners.

— **Agricultural industry**

Bearing bolts and fixing screws of earthmoving machines: tracked vehicles, tractors (incl. auxiliary machines), combines, etc.

— **Railway**

Rotary pins, locking bolts of buffers, and adjustment screws of brakes of diesel locomotives.

## Manual

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**Bardahl Anti Seize** is available as a paste in plastic jars and aerosol packaging. The aerosol packaging provides a thin, even film on the surface to be treated when spraying. Parts that are difficult to access can also be provided with the required protection with an aerosol can.

## Instructions for using disc brake mechanism

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To prevent beeping noises from writing brakes, the parts to be treated must first be cleaned (remove rust) and then lubricated or sprayed with **Bardahl Anti Seize**. Lubricate or stream the entire rear of the brake pads, the pressure plates, the pressure pistons, and the various springs, washers, leaves, and bolts with **Bardahl Anti Seize**.

**Analysis data**

Test	Results
NLGI	No. 1/2
Thickener	Bentone
Penetration	Over 320
Color	Golden
Structure	Creamy, well adhering
Working Temperature	-40C. - +1100C.
Water resistance	Full (tap water, salt water, and aggressive water)
Corrosion resistance	Complete (saturated 10% hydrochloric acid)
Specific gravity	1,2

**Conforms to U.S.Mil Specification A-977d.**

N.B.

**Bardahl Anti Seize** contains no molybdenum disulfide or graphite, no sulfur or sulfur compounds, nor does it have lead or lead compounds.

**Article number** 72301

**Contents** 100 gr

**Article number** 72304

**Contents** 400 ml (spray)

**Article number** 72305

**Contents** 500 gr

**Article number** 72355

**Contents** 5 kg (on request)