

Chromium Nickel-Paste

The use of **Bardahl Chromium Nickel-Paste** will prevent metal parts welding together because of extreme pressures and temperatures.

Bardahl Chromium Nickel-Paste also prevents disc brake screeching.

Problem

When two connecting metal parts are exposed to heat for some length of time, they will oxidize on the confronting sides. The crystals of the oxide thus formed will spread from the one side to the interstice of the other side and bite into the surface. When this goes hand in hand with the vibrations, a 'cold-welding' of both metal surfaces may occur. This will then result in a complete jamming.

Fonctionnement

Bardahl Chromium Nickel Paste provides long-lasting protection of slow-moving machine parts and engine parts. This product creates a different metallic medium between metal surfaces which not compound with either of the two metal surfaces. In this way the metal surfaces of all sorts of joints will be kept apart, even after exposure to extreme pressures or temperatures. A thin coating will provide trouble-free and long-lasting protection against the seizing, corrosion and rusting of bolts, threaded ends, nuts, joints, fences, etc. It provides protection against oxidation, corrosion, vibrations, wear and attack. The balanced composition of this product highly simplifies the fitting on an detaching of screws, bolts and nuts.

Properties

- Rapidly and easy mounting of wire connections.
- Prevents corrosion.
- Gives a quick and easy release of bold/nut connections, even after exposure to very high temperatures up to 1600°C, corrosive atmospheres or extreme pressures.
- Reduces wear on places with high friction.
- Will prevent corrosion by acids, salt or caustics.
- Will not be washed away by water.

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Tests

Extensive tests at high temperatures, variable loads and humidity levels, haven proved the effectiveness of **Bardahl Chromium Nickel-Paste**.

Application

Parmi ses nombreuses applications:

General industrial uses: Lock bolts and pins of all kinds of machine parts such as pumps, mixing units, hinge points of presses. Lock bolts of excavator, loading cranes, draglines, ...

Steel mills: Safety valve bolts and various other parts exposed to high temperatures.

Power Station: High-pressure flanges of boilers. Head bolts of boilers. Head bolts of lids for turbo generators and turbo-blowers. Turnbuckles and nuts of high-pressure boilers.

Automobile sector incl. transport: For the fitting on of all those parts which will have to be taken down later on, such as bolts on exhaust pipes, gaskets and car door locks. For the prevention of screeching noises in disc brake systems.

Marine: For fitting on of all those parts which will have to be taken down later on, such as bolts on exhaust pipes, gaskets and locks etc.

Welding: Protects against welding-spatter when CO2 welding equipment is used. Use on the screw threads of nozzles, guide bushes and on the fastening points of welding torches.

Agrarian sector incl. earthmovers: Bearing bolts and fastening screws of caterpillars, tractors (incl. auxiliary engines), combine harvesters, etc.

Railroads: Pivots, lock bolts of buffers and adjusting screws of diesel locomotive brakes.

Instructions for use

When spraying on **Bardahl Chromium Nickel-Paste**, the aerosol-can type will provide a thin, even film on the surface to be treated. Even parts that are hard to get can be given the required protection by means of a sprayer.

Technical data

Consistence	according NLGI Class 1
Density	1,2 g/ml DIN 51757
Penetration	310 – 340 at 25 °C
Colour	Grey
Working Temperature	-35 °C +1600 °C.
Water resistance	Fully resistant DIN 51807
SKF-EMcor test	No corrosion

N.B.

Bardahl Chromium Nickel-Paste contains no molybdenum disulphide or graphite, no sulphur or sulphur compounds.

Direction for use on brake discs

To prevent screeching noises in disc brakes, the parts to be treated should be cleaned first (remove rust) and then **Bardahl Chromium Nickel-Paste** should be put on or sprayed on. The entire rear of the brake shoes, the pressure plates, the pressure pistons and the various springs, rings, plates and bolts should be greased or sprayed with **Bardahl Chromium Nickel-Paste**.

Reference : 1516

Availability : 240gr