

防卡剂含镍款



适用于极端条件的装配膏

防卡剂系列产品专为极端情况下的应用而研发。它粘附力极强，驱水能力出色，同时可以耐淡水、咸水、热水及水蒸气。含镍款防卡剂较高的镍含量能有效防止部件受到腐蚀性溶剂的侵蚀，如稀释后的盐酸、硫酸、硝酸等。防卡剂含镍款的耐温范围为-30°C 至 +1.450°C。

防卡剂含镍款作为一款高效的防腐装配膏，适用于静态及动态承压的螺栓连接以及高温环境下的低转速设备。

该款装配膏能有效防止腐蚀、锈死、磨损、滞滑、氧化、接触腐蚀以及冷焊产生的电化学腐蚀。

防卡剂含镍款可用于密封装置、阀、螺栓连接、齿轮、轴承、喷头、传送带、无头螺栓、工具、气缸等。

技术参数

基础油	合成油
颜色	炭灰色
温度+20°C (依据 DIN 51757)时的密度	1,3 g/cm ³
SRV测试 摩擦系数	0,16
总摩擦系数	0,15 μ
螺纹摩擦系数	0,14 μ
倒置摩擦系数	0,16 μ
四球摩擦实验(依据 DIN 51350) 烧结负荷	2000 N
四球摩擦实验(依据 DIN 51350) 球冠值(1Min/1000N)	0,6 mm
润滑脂的锥体针入度 (DIN ISO 2137)	310 - 340 1/10 mm
比热容(20°C)	1,493 J/(g·K)
热扩散率(20°C)	0,303 mm ² /s
热传导率(ISO 22007-4) (20°C)	0,582 W/m·K
介电强度(DIN EN 60243-1)(20°C)	1,1 kV/mm
硫磺含量 (依据 DIN 51400)	<0,1 %
防水性(依据 DIN 51807)	1 - 90
抗压强度(依据 DIN 53281-83)	230 N/mm ²

提示

本资料中列出的所有产品，其参数和建议是在实验室的测试结果及经验总结，不得被视为对产品特性的保证。由于每一个用的实际应用情况并不在我们的认知、控制及责任范围内，我们对这些信息并不承担任何义务。我们保证我们的产品符合并遵守我们销售条款中承诺的高品质、无瑕疵的要求。我们建议用户通过自行试验来论证其希望选用的产品是否完全符合预期。因用户未遵照指定的操作方法使用产品而造成损失的情况，用户将独自承担全部责任。

盐雾测试	> 170 h
耐温性	-30至1450 °C

表面预处理

对物体表面进行清洁与去脂。将防卡剂均匀涂抹在物体表面。该产品仅适用于防止金属出现咬死现象，它不可替代油脂润滑。

操作

使用毛笔、刷子、拭布或塑料海绵将防卡剂充分涂抹在物体表面。用于螺栓时，需注意务必要将产品涂满每个螺牙，以确保其密封效果。为了使各个工件的性能保持一致，请勿将该防卡剂与其他润滑油脂混合使用。此外，WEICON防卡剂并不能够直接替代润滑产品。

储藏

将容器密封保存。勿与氧化剂共同存放。干燥、室温存放。未拆封时可储存24个月。

安全与健康

使用WEICON产品时，需注意产品的物理性、安全性、毒性、生态性的详细参数以及我们EG材料安全数据表 (www.weicon.com) 的具体信息。

包装

26050012	防卡剂含镍款 120 g
26050040	防卡剂含镍款 400 g
26050045	防卡剂含镍款 450 g
26050050	防卡剂含镍款 500 g
26050100	防卡剂含镍款 1 kg
26050180	防卡剂含镍款 1,8 kg
26050500	防卡剂含镍款 5 kg
26050910	防卡剂含镍款 10 kg
26050920	防卡剂含镍款 20 kg

产品配件

10953001	处理抹刀, 短
10953003	处理抹刀, 长

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Anti-Seize Nickel Assembly Paste



Sulfur content (DIN 514)	<0,1 %
Water resistance (DIN 51807)	1 - 90
Pressure (DIN 53281-83)	230 N/mm ²
Salt spray test	> 170 h
Temperature resistance	-30 to 1.450 °C

Assembly Paste for extreme conditions

The assembly paste was developed to resist extreme conditions. It is highly sticky, water repellent and resistant to sweet, salt and hot water as well as steam. The high nickel component furthermore provides protection against corroding and corrosive solvents which are contained in diluted hydrochloric acid, sulphur or nitric acid, among others. Anti-Seize Nickel can be applied at a large temperature range between -30°C to +1,450°C.

Anti-Seize Nickel serves as corrosion protection and high-performance fitting grease for static and dynamically extremely stressed screw connections and installation parts and the application at slowly rotating system in the high-temperature range.

The paste protects against corrosion, seizing, wear, stick-slip effects, oxidation and friction corrosion as well as electrolytic reactions, the so-called cold-sealing. For example, Anti-Seize Nickel can be used on seals, valves, screw connections, gear wheels, bearings, jets, conveyor belts, studs, tools or cylinders.

Technical Data

Basic Oil	Synthetic oil
Colour	anthracite
Density at +20°C (+68°F) (DIN 51757)	1,3 g/cm ³
OFW device coefficient of friction	0,16
Friction total	0,15 μ
Friction thread	0,14 μ
Friction head bottom	0,16 μ
VKA-TEST (DIN 51350) welding load	2000 N
VKA-TEST (DIN 51350) Spherical cap value (1Min/1000N)	0,6 mm
Worked penetration (DIN ISO 2137)	310 - 340 1/10 mm
Specific heat transfer capacity (20°C)	1,493 J/(g·K)
Thermal diffusivity (20°C)	0,303 mm ² /s
Thermal conductivity (ISO 22007-4) (20°C)	0,582 W/m·K
Dielectric strength (DIN EN 60243-1) (20°C)	1,1 kV/mm

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.

Surface pre-treatment

Clean and degrease surfaces. Apply the assembly paste evenly. AS is suitable only for assembly paste specific applications, it does not replace pure lubricants and greases.

Processing

Apply a good quantity of Assembly Paste with a brush, cloth or plastic sponge. On threads it is important that Assembly Paste is applied down to the thread root to ensure a good sealing effect. Assembly Paste must not be mixed with greases or oils to avoid changes in the material characteristics. WEICON Assembly Pastes do not replace oil or grease lubrication.

Storage

Keep container tightly closed. Do not store together with oxidizing agents. Store in a dry place at storage temperature. Original container are storable for 24 months.

Safety and health

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

Available sizes:

26050012	Anti-Seize Nickel Assembly Paste 120 g
26050040	Anti-Seize Nickel Assembly Paste 400 g
26050045	Anti-Seize Nickel Assembly Paste 450 g
26050050	Anti-Seize Nickel Assembly Paste 500 g
26050100	Anti-Seize Nickel Assembly Paste 1 kg
26050180	Anti-Seize Nickel Assembly Paste 1,8 kg
26050500	Anti-Seize Nickel Assembly Paste 5 kg
26050910	Anti-Seize Nickel Assembly Paste 10 kg
26050920	Anti-Seize Nickel Assembly Paste 20 kg

Accessories:

10953001	Processing Spatula, short
10953003	Processing Spatula, long