



Technical Datasheet

Never-Seez[®] High Temperature Stainless

Description

Never-Seez High Temperature Stainless is a superior, high temperature anti-seize and extreme pressure lubricant which protect up to 1400° C. It contains fine metallic and graphite particles suspended in a specially formulated grease. Never-Seez High Temperature Stainless is recommended when applications prohibit the presence of copper, especially when resistance to corrosive acidic and caustic solutions is required.

Application

- all types of bolts, studs, threads, fittings and bushings which are exposed to high temperatures
- stainless steel pipe fittings, flanges, shafts etc.
- conveyors, transmission gear, compressors, pumps, turbines, exhaust manifolds, vessels and boilers

Properties

- high pressure lubricant
- minimizes corrosion
- prevents seizure at high temperatures
- resists galvanic action between dissimilar metals
- enables fast dismounting of parts - even after the influence of high temperatures
- protects against corrosion between steel and stainless steel
- resists alkaline solutions
- most acid and chemical vapors, road salt, steam, salt water and deionized water



Other Never-Seez products:

Regular Grade
High Temperature Stainless
White Food Grade
Red Bearing Lubricant
High Temperature Bearing Lubricant

ITW Chemical Products Scandinavia

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Important note: All information and technical data are based on tests which to our knowledge are correct and reliable. However, there are no guarantees. It is the responsibility of the user to make sure that the information is useable and complete in connection with the purpose in question.

Date: 04.10.2004

INFORMATION

Never-Seez[®] High Temperature Stainless

Technical and physical data

Part no.	1221	NSSBT-8	125 g can with brush
Part no.	1222	NSS-160	500 g plastic can
Part no.	1224	NSS-4	2 kg can
Part no.	1227	NSS-200	20 kg bucket
Part no.	14265	NSSA-500	500ml
Colour	silver/gray		
Temperature range	-180°C to +1400°C		
Resistance	excellent in water, saltwater and deionized water		
Particle size	2µ		
Viscosity	350,000 cp		
Density	1.26 g/ccm		
Flashpoint	260°C open cup		
NLGI Grade:	1		ASTM D-217
Dropping point	180°C		ASTM D-566
Coefficient of friction@ 75°C	.092		ASTM D-2266
High pressure properties	32,000 psi (2206 bar)		ASTM D-2783
Worked penetration	300-350		ASTM D-217 A
Copper-corrosion test (100°C, 24 hours)	passed		

Limitations: is not recommended for high speed bearing applications - use Red Bearing. In applications where indirect food contact is possible, use USDA approved Never-Seez White Food Grade with PTFE .

Shelf life: No deterioration, as long as the product is stored in unopened packing below 50°C. Weight and properties are guaranteed for 5 years after sale - in unopened packing.

Information

For further technical information and Material Safety Data Sheet for the ITW products, please contact:

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