

# TALON™ NICKEL ANTI-SEIZE

## ANTI-SEIZE LUBRICANT AND THREAD SEALANT

### NI-SPEC

## PRODUCT DESCRIPTION

### PRODUCT

#### TALON™ NICKEL ANTI-SEIZE

Pure Nickel Base Anti-Seize Lubricant and Thread Sealant.

### DESCRIPTION

**TALON™ NICKEL ANTI-SEIZE** is an anti-seize lubricant and thread sealant for use in a high temperature environment. **TALON™ NICKEL ANTI-SEIZE** is a nickel and graphite based compound composed of pure nickel powder and graphite flake dispersed in a petroleum carrier. **TALON™ NICKEL ANTI-SEIZE** will not contaminate catalyst beds, reaction chambers or special alloy fittings. It provides resistance to chemical corrosion and oxidation at temperatures up to 2600°F (1427°C).

### RECOMMENDED USES

**TALON™ NICKEL ANTI-SEIZE** lubricant is an extreme service, high quality compound which is effective at temperatures up to 2600°F (1427°C). For use in applications where copper, lead, moly-disulfide, chlorides and fluorides cannot be tolerated. **TALON™ NICKEL ANTI-SEIZE** lubricant is chemically inert and can be used with most chemicals which are unstable with copper type compounds. Provides excellent resistance to chemical oxidation and/or corrosion. Prevents rusting, seizing, welding or galling.

**TALON™ NICKEL ANTI-SEIZE** is safe to use with chemicals such as anhydrous ammonia, acetylene, and other vinyl monomers unstable in the presence of copper.

**TALON™ NICKEL ANTI-SEIZE** should be used on: Blowers, bolts, catalytic crackers, couplings, drill collars, flanges, fuel nozzles, gaskets, gas burners, gear reducers, manhole studs, nuts, pipe fittings, plugs, pumps, screws, tool joints, turbine studs, valves, etc.

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This product is manufactured in the U.S.A.

### RECOMMENDED USES (Cont.)

Suitable for systems carrying:

Air	Natural Gas
Acetylene	Nitrogen Gas
Alkalies, Dilute	Refrigeration
Ammonia	Gases
Brine	Soap, Liquid
Carbon Dioxide	Steam Lines
Chlorinated Water	Sugar, Liquid
Freon (All)	Vinyl Monomers
Inert Gases	Water

### FOR USE ON THREADED

PVC, CPVC, Nylon, Polypropylene  
Plastics, and all metals.

### COLOR/CONSISTENCY

Nickel color brushable paste of smooth, grit free consistency. **TALON™ NICKEL ANTI-SEIZE** has an indefinite shelf life.

**Flash Point:** 350°F (177°C)

**NLGI Consistency:** 1

**Sulphur Typical:** 0.5%

**Penetration:** 310-340

**Coefficient of Friction:** 0.1

### TEMPERATURE RANGE USE

#### Gases:

-65°F (-54°C) to 2600°F (1427°C)

#### Liquids:

-65°F (-54°C) to 2600°F (1427°C)

### PRESSURE RANGE USE

#### Gases:

up to 3,000 PSI (211 kg/cm<sup>2</sup>)


#### Liquids:

up to 10,000 PSI (703 kg/cm<sup>2</sup>)

### DRYING TIME\*

The system may be pressurized immediately after assembly. Non hardening.

### ENVIRONMENTAL STATEMENT

 **WARNING:** This product can expose you to chemicals including nickel, which is known to the State of California to cause cancer. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

### CORROSIVENESS

**TALON™ NICKEL ANTI-SEIZE** is noncorrosive, and prevents the corrosion and seizing of threads.

### U.S. MILITARY SPECIFICATIONS

**TALON™ NICKEL ANTI-SEIZE** meets and exceeds MIL-A-907E.

### ENVIRONMENTAL STATEMENT

**TALON™ NICKEL ANTI-SEIZE** is formulated with grease and is free from any lead containing ingredients.

### COEFFICIENT OF TORQUE (NUT FACTOR):

K Values 0.15 ± 0.02.

### WEIGHT PER U.S. GALLON

10.1 lbs. (4.5 kg) ± 0.2

### PACKAGING

#### U.S. Measure:

Stock Code	Size
<b>Brush Top Can</b>	
NI8	8 oz. (.227 kg)
NI16	1 lb. (.454 kg)

### SHIPPING WEIGHT PER CASE

Stock Code	Case Weight	#/Case
NI8	10 lbs. (4.5 kg)	12
NI16	19 lbs. (8.6 kg)	12

### DIRECTIONS FOR USE

1. Remove all dust, grease, oil and any foreign material from mating surfaces.

2. Apply **TALON™ NICKEL ANTI-SEIZE** to mating surfaces and assemble.

Keep container closed at all times when not in use to avoid contamination. Requires no thinners.

### DO NOT USE ON OXYGEN SYSTEMS



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