



99N

OMEGA 99N Nuclear-Grade "Seize-Stop" Grease



Nuclear -Grade "Seize- Stop" Grease

- *100% free of lead, sulfur & chlorides.*
- *Stops metal seizure – makes maintenance & dismantling a snap.*
- *Withstands acids, alkalis, water, salt air & most chemical fumes.*

TRUST OMEGA TO *Save Money
Enhance Performance
Extend Service Life*



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PERFORMANCE
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OMEGA ULTIMATE LUBRICANTS

SPECIAL FEATURES

Omega 99N Nuclear-Grade "Seize-Stop" Grease is the "Super Advanced Formulation" that's specially mixed to out-last and out-perform any ordinary anti-seize compound.

- **Omega 99N** is 100% free of lead, sulfur and chlorides to help minimize stress and corrosion cracking of stainless steels and nickel alloys.
- **Omega 99N's** superior nickel-base make-up ensures it's the perfect solution for high-performance, anti-seize applications – stops metal seizure and makes maintenance & dismantling a snap!
- **Omega 99N** withstands acids, alkalis, water, salt air & most chemical fumes to provide remarkable metal surface protection.

OUTSTANDING PROPERTIES

Omega 99N is the nuclear-grade non-seize grease that:

- Withstands searing temperatures as high as 1260°C (2300°F) without degradation of treated parts' protection characteristics.
- Provides superior protection for stainless steel and high-nickel fittings.
- Eliminates setting problems common to ordinary non-seize compounds where metallic particles migrate and settle.
- Protects all types of assemblies, press fits and fittings while retaining corrosion-resistant properties.

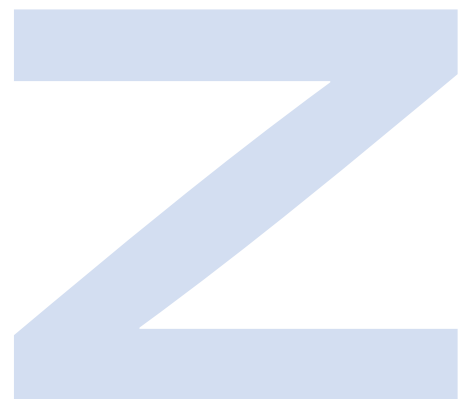
USE FOR

Omega 99N is the perfect solution for anti-seize applications in nuclear power plants and also plant and equipment using stainless steel and nickel alloy fasteners such as:

- Oil, Chemical and Natural Gas Refineries • Chemical Plants
- Pulp and Paper Mills • Waste Disposal Plants • Water and Saline Treatment Plants • Steam Plants • Marine Applications
- On Ships • And more ...

Omega 99N can be effectively used in both stationary equipment and for mobile applications such as

- Cars • Jet Engines • Trucks • Buses • Diesel Gen-Sets • Mobile Cranes.



Omega

The Ultimate Lubricant

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The Ultimate Lubricant

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DESCRIPTION:

Omega 99N is a "Nuclear Grade" Anti-Seize Compound that is possibly the finest quality nickel-based anti-seize available. It is 100% lead and sulphur-free and also contains absolutely no chlorides.

PROTECTS EXPENSIVE STAINLESS & HIGH NICKEL ALLOYS:

Stainless and high nickel fittings are highly susceptible to corrosion by chlorines and sulphur. The sulphur causes the weakening of welds made on nickel alloys and the chlorides cause corrosion cracking and pitting of stainless.

"NUCLEAR GRADE":

Ordinary anti-seize products contain between 200 to 300 p.p.m. of the potentially-dangerous contaminates sulphur and chlorides, while most of the advanced countries recommend an allowable limit of between 50 p.p.m. for chlorine and 100 p.p.m. for sulphur for any anti-seize used in nuclear plants. Omega 99N is 100% sulphur and chloride free and is recommended for atomic-powered generating plants.

TOTALLY HOMOGENOUS -NO SETTLING PROBLEMS:

With ordinary anti-seize products, the product is often only a suspension agent, such as gelling agent, and powdered metal. These cheap products suffer from serious separation problems. When separation takes place and the product is applied to fittings, the metal powder is unevenly distributed through the fitted joints, resulting in increased risk of failure.

Omega 99N uses a unique and proprietary mixing process that keeps the fine-mesh nickel particulates in virtually perpetual suspension and finely dispersed within the carrier base oil. This prevents "hit and miss" protection for treated threaded parts.

SUPERIOR PROTECTION:

Omega 99N protects all types of threaded assemblies, press fits and fittings, and retains its corrosion preventing properties from (Minus) -180°C (-292°F) all the way up to $1,260^{\circ}\text{C}$ ($2,300^{\circ}\text{F}$), without breakdown. Omega 99N prevents metal-to-metal seizure -if parts are coated prior to assembly-and will withstand acids, alkalis, water, salt air atmosphere and most chemical fumes. Omega 99N is simply brushed into the parts to be treated, and because of its super micronized metal composition, will not affect the clearance of the joint or cause difficult tightening.

WHERE TO USE:

Omega 99N is the perfect solution for anti-seize applications in nuclear power plants and also plant and equipment using stainless steel and nickel alloy fasteners, such as oil, chemical and natural gas refineries, chemical plants, paper and pulp mills, waste disposal plants, water & saline treatment plants, steam plants, marine applications, on ships, etc.

It can be used for both stationary equipment and for mobile applications, such as cars, jet engines, trucks, buses, diesel gen-sets, mobile cranes, etc.