

# JET-LUBE® WHITE KNIGHT™

## FOOD GRADE ANTI-SEIZE COMPOUND



Turn To The Industry Experts

### DESCRIPTION

**WHITE KNIGHT™** is a premium quality anti-seize compound developed specifically for use in applications where incidental food contact is possible and is composed entirely of ingredients that meet NSF H1 requirements. This aluminum complex based anti-seize protects metal parts from seizure, galling, rust, corrosion and heat freeze by tenaciously adhering to the metal surface. **WHITE KNIGHT™** provides a degree of safety and protection unsurpassed by any other product.

- NSF H1 registered for use in meat and poultry plants
- Non-staining, Odorless and Tasteless
- Water resistant
- Prevents rust and corrosion
- Reduces torque
- Aids assembly/disassembly
- High Temperature protection up to 1800°F
- Contains no metals
- Now available in a convenient aerosol package

### APPLICATIONS

- Bottling Machinery
- Pump Gears, Motors
- Packaging Machinery
- Conveyor & Oven Bearings
- Valve Assemblies
- Press Fit Assemblies
- Nuts, Bolts, Screws
- Chain Drives
- Stainless Steel Fittings
- Pipe Fittings
- Gaskets
- Worm Gears

**SERVICE RATING:** -65°F (-54°C) to 1800°F (982°C)

**CONFORMS TO:** Military Specification MIL-PRF-907F

**NSF Registered, Category Code:** H-1 Reg. #048235.  
For use in Federally Inspected Meat and Poultry Plants.

**Conforms to FDA Regulation** CFR 21, Part 178.3570,  
Incidental Food Contact.

**Note: Not for use on Oxygen services.**

### PRODUCT CHARACTERISTICS

Thickener	Aluminum Complex
Fluid Type	Mineral Oil & Synthetic
Color/Appearance	White Paste
Dropping Point (ASTM D-566)	450°F (232°C)
Specific Gravity	1.17
Density (lbs/gal)	9.80 Typical
Oil Separation	>3.0
Wt. % Loss @ 212°F (100°C)	
Flash Point (ASTM D-92)	>400°F (204°C)
Nut-Factor*	0.14
Carbon Steel Alloy @ 60,000 PSI Contact Stress	
NLGI Grade	1 ½
Penetration @ 77°F (ASTM D-217)	300 - 320
Copper Strip Corrosion (ASTM D-4048)	1A
4-Ball (ASTM D-2596)	
Weld Point, kgf	400
Load Wear Index	72
Salt Fog Resistance 20% NaCl at 100°F (ASTM B-117)	+200 Hrs. Free of Corr.

\*( $T = K \times D \times F$ ) where:

T = torque, K = nut factor, sometimes incorrectly called the friction factor, D = bolt diameter, and F = bolt tension generated during tightening.