

WHITE KNIGHT™

Food Grade Anti-Seize Compound



TECHNICAL DATA SHEET

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DESCRIPTION

WHITE KNIGHT™ is a premium quality anti-seize compound developed specifically for use in applications where incidental food contact is possible. This aluminum complex based anti-seize is composed entirely of ingredients that meet USDA/FDA requirements and is approved by Canadian Food Inspection Agency (CFIA) for use in federally inspected meat and poultry plants. **WHITE KNIGHT** protects metal parts from seizure, galling, rust, corrosion and heat freeze by tenaciously adhering to the metal surface. It provides a degree of safety and protection unsurpassed by any other product.

APPLICATIONS

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

CHARACTERISTICS

- Contains no metals
- Nonstaining
- Water Resistant
- Prevents rust and corrosion
- Reduces torque
- Aids assembly/disassembly
- Off white in color
- May be used with potable water
- Odorless
- Tasteless
- Authorized by NFS (H-1)
- Approved by CFIA for use in federally inspected meat and poultry plants

CERTIFICATIONS

Mil Spec - MIL-PRF-907E
NSF Registered H1 - Reg. #048235
FDA - Regulation CFR21, Part 178.3570
CFIA



PRODUCT SPECIFICATIONS

Thickener	Aluminum Complex
Fluid Type	Mineral Oil & Synthetic
Color/Appearance	White Paste
Dropping Point (ASTM D-566)	232°C (450°F)
Density (kg/liter), Typical	1.17
Specific Gravity	1.17
Oil Separation, Wt. % Loss @ 100°C (212°F)	>3.0
Flash Point (ASTM D-92)	>204°C (400°F)
Coefficient of Friction on Stainless Steel	0.11
NLGI Grade	1.5
Penetration (ASTM D-217) 25°C (77°F)	285 - 315
Copper Strip Corrosion (ASTM D-4048)	1A
Shell 4-Ball (ASTM D-2596)	
Weld Point, kgf	400
Load Wear Index	72
Salt Fog Resistance (ASTM B-117)	
20% NaCl at 100°F, Hours Free from Corrosion	+200

OPERATING RANGE:
-54°C to 982°C (-65°F to 1800°F)

PACKAGING

Inventory Code	Container Size	Container
16402	1/2 Lb.	Brush-Top Can
16404	1 Lb.	Brush-Top Can
16423	1 U.S. Gallon	Jug

LIMITED WARRANTY

Jet-Lube of Canada makes the Limited Express Warranty that at the date of delivery, this product shall be free from defects in Jet-Lube of Canada Ltd. materials and workmanship.

This Limited Express Warranty is expressly in lieu of any other express or implied warranties, including any implied warranty of merchantability or fitness for a particular purpose, and of any other obligation on the part of Jet-Lube of Canada Ltd.

The sole remedy for breach of the Limited Express Warranty shall be the refund of the purchase price. All other liability is negated and disclaimed, and Jet-Lube of Canada Ltd. shall not be liable for incidental or consequential damages.

