



Bringing Quality & Excellence

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# TECHNICAL DATA SHEET

## WHITE Knight™ Food Grade Anti-Seize Thread Lubricant

### DESCRIPTION

WHITE KNIGHT is a premium quality anti-seize compound developed specifically for use in applications where incidental food contact is possible. This aluminium complex based anti-seize is composed entirely of ingredients that meet NSF H-1 requirements and 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. WHITE KNIGHT can be used at exceedingly high temperatures in non-food applications. For example it has been successfully used on stud bolts on turbochargers that reach 1.500°C. (2732°F)

### ADVANTAGES

- Contains no metals.
- Nonstaining.
- Water resistant.
- Prevents rust and corrosion.
- Reduces torque.
- Aids assembly/disassembly.
- Off- white in colour.
- May be used with potable water.
- Odourless.
- Tasteless.

### 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
Turbochargers up to 1500°C (Field data)	

### PRODUCT CHARACTERISTICS

Service range:	-54°C (-65°F) to 982°C (1800°F)
Thickener:	Aluminium Complex
Fluid Type:	Oil Synthetic
Colour/Appearance:	White Paste
Dropping Point (ASTM D-566):	232°C (450°F)
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 @ 25°C (77°F) (ASTM D-217):	1A
Shell 4-Ball (ASTM D-2596)	
Weld Point, kgf:	400
Load Wear Index:	72
Salt Fog Resistance (ASTM B-117)	
20% NaCl @ 100°F, Hrs. Free of Corr.:	>200

### PACKAGING

Code	Net contents	Container
15440280	250g	Brush Top Can
86792684	400g	Cartridge
40792682	500g	Brush Top Can
25997552	1kg	Tub
48510226	5kg	Pail
77022301	12,5kg	Pail
61080027	20kg	Pail
16288393	181,4kg	Drum

### LIMITED WARRANTY

Jet-Lube (UK) Limited makes the Limited Express Warranty that at the date of delivery, this product shall be free from defects in Jet-Lube (UK) Limited 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 (UK) Limited. 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 (UK) Limited shall not be liable for incidental or consequential damages.



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