

# ECF™ ANTI-SEIZE

Environmental Compound Formula



## TECHNICAL DATA SHEET

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### DESCRIPTION

**JET-LUBE ECF™** anti-seize is a special formula of non-metallic components that plate on the surface of the threads for fastener applications. This blend of components will help to achieve the required torque set by engineers and aid with the disassembly of the fastener without damage to the threaded surface. ECF anti-seize is a special nonmetallic compound containing chemically inert fibers in a biodegradable base grease carrier.

This unique combination of environmentally acceptable materials gives a wider temperature range than conventional anti-seize products. This combination of materials makes ECF out perform all other anti-seize products for applications where high nickel alloys and standard alloys are used. This formulation is ideal where extreme chemical exposure and corrosive environments are present, the unique grease base is suited for long term corrosion protection for flange bolts and any threaded surface needing protection from the elements.

FROM AN ENVIRONMENTAL STANDPOINT, ECF is a biodegradable, non-bioaccumulation and non-toxic to all kinds of life forms. ECF will not have any HSE (Health Safety & Environment) related issues. There are no VOC (Volatile Organic Components) related issues or DOT (Department of Transportation) related concerns.

### ADVANTAGES

- Contains no metals
- Excellent performance on high-chrome or nickel alloys
- Excellent protection against corrosion
- Nonconductive

### OPERATING RANGE

-54°C to 1427°C (-65°F to 2600°F)

### CERTIFICATIONS

NSF H2 Reg. No. 147420



### PRODUCT SPECIFICATIONS

Color	Beige
Thickener	Calcium Complex
Fluid Type	Synthetic & Vegetable
Dropping Point (ASTM D-2265)	> 232°C (450°F)
Specific Gravity, Typical	1.36
Density (kg/liter), Typical	1.36
Oil Separation (ASTM D-6184), WT. % Loss @ 100°C (212°F)	<5.0
Flash Point (ASTM D-92)	>232°C (450°F)
NLGI Grade	1 - 1 1/2
Penetration @ 25°C (ASTM D-217)	300 - 330
Copper Strip Corrosion (ASTM D-4048)	1A, Typical
Friction Factor*	
K-Factor	.15
Salt Fog Resistance (ASTM B-117)	5% NaCl >2000 hrs.

\* For premium connections, consult the connection manufacturer, or one should test the torque required for proper make-up prior to running.

### PACKAGING

Inventory Code	Container Size	Container
28902	1/2 pint	brush-top
28904	1 pint	brush-top
28907	1 quart	plug-top
28923	1 gallon	pail



### 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.