

# **RUN-N-SEAL® ECF**

## **METAL-FREE THREAD SEALANT**



**Ospar Commission-HOCNF**

(Harmonized Offshore Chemical Notification Format)

**CLASSIFICATION: "Yellow" rating for Norway**

**CLASSIFICATION: "E" for The United Kingdom  
& The Netherlands**

### **DESCRIPTION**

**JET-LUBE® RUN-N-SEAL® ECF** is a patented metal-free, high-pressure sealant alternative for API-MODIFIED. The compound contains graphite and other non-metallic, inorganic, anti-wear additives blended into a high-quality lithium complex base grease. **RUN-N-SEAL ECF** contains a large volume of solids enhanced by a higher concentration of large-sized particles. The improved distribution of particle sizes and volume of solids provides an excellent seal in large and small diameter, non-shouldered threads. The lithium complex grease provides a high melting point, ensures brushability over a wide range of temperatures, and has excellent inherent water resistance. It sticks to wet and oily steel, ensuring the compound will not wash off threads.

- Friction factor of 0.9 (relative to API-MODIFIED)
- Contains additives for protection against rust, corrosion, and oxidation
- Prevents leakage (seals to 10,000 psi)
- High film strength to protect against wear, galling, and seizure
- Exceeds all of the performance criteria described in API spec. 5CT
- Tested in conformance with API RP 5A3
- Available in Arctic and Thermal grades
- H<sub>2</sub>S Inhibited

### **APPLICATIONS**

**RUN-N-SEAL ECF** is recommended for use on OCTG connections, flow lines, subsurface production tools, and tank battery installation. **RUN-N-SEAL ECF** will lubricate, seal, and protect threaded connections of oilfield tubular goods on makeup, in service, and in storage. For premium thread designs, use **JET-LUBE® SEAL-GUARD™**. For an environmentally friendly premium thread compound, use **JET-LUBE® SEAL-GUARD™ ECF**.

### **PRODUCT CHARACTERISTICS**

Thickener	Lithium Complex Soap
Fluid Type	Petroleum
Dropping Point (ASTM D-2265)	450°F (232°C)
Specific Gravity	1.23
Density (lb/gal)	10.25
Oil Separation	<3.0
Wt. % Loss @ 212°F (100°C)	
Flash Point (ASTM D-92)	>450°F (232°C)
NLGI Grade	1
Penetration @77°F (ASTM D-217)	310 - 340
Copper Strip Corrosion (ASTM D-4048)	1A
Shell 4-Ball (ASTM D-2596)	
Weld Point, kgf	800
Friction Factor (Relative to API-MODIFIED)	0.9

**Shelf Life: Minimum two years from date of manufacture.**

### **PACKAGING**

Code No.	Container Size	Shipping Wt.
17023	1 gal.	11 lb.
17012	2 gal.	22 lb.
17015	5 gal.	54 lb.

### **LIMITED WARRANTY**

Jet-Lube, Inc. makes the Limited Express Warranty that at the date of delivery, this product shall be free from defects in Jet-Lube, Inc. 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, Inc.

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, Inc. shall not be liable for incidental or consequential damages.

**AUTHORISED DISTRIBUTOR**  
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