

# SEAL-GUARD™ ECF

Premium Thread, Tubing & Casing Running Compound



## TECHNICAL DATA SHEET

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### DESCRIPTION

JET-LUBE SEAL-GUARD ECF has been specifically formulated to meet the performance requirements of proprietary, metal-to-metal seal and high-interference connection designs utilizing today's high-performance materials, which include "super" chrome and high-alloy steels. The smaller particle size distribution may not provide optimum sealability on 8-round and buttress thread forms.

JET-LUBE SEAL-GUARD ECF's advanced base grease is a carefully selected balance of synthetic and vegetable oils with our Extreme base grease thickener technology coupled with innovative solid lubricants. The result is superior lubrication under high loads with galling resistance equivalent to heavy metal-based compounds in a totally metal-free formulation. The cutting edge technology provides a high affinity to metal surfaces with relatively low added-solids content. In addition, there is a large percentage of submicron particles formed by chemical reaction; creating a film that gives consistent frictional performance without restricting proper engagement of the connection contact surfaces, regardless of connection design.

- Biodegradable
- Metal Free
- Frictional properties similar to API-Modified
- High film strength to protect against galling
- Low solids content to accommodate premium connections design requirements
- Ideal for use on high-chrome connections
- H<sub>2</sub>S Inhibitor can be added
- Sticks to wet or oily threads

### APPLICATIONS

JET-LUBE SEAL-GUARD ECF is recommended for use on premium connections.

**OPERATING RANGE**  
-29°C to 204°C (-20°F to 400°F)

### CERTIFICATIONS



**Ospar Commission – HOCNF**  
(Harmonized Offshore Chemical Notification Format)

CLASSIFICATION: "Yellow" rating for Norway  
CLASSIFICATION: "E" for The United Kingdom

### PRODUCT CHARACTERISTICS

Color	Black
Thickener	Complex Thickeners
Fluid Type (oil)	Synthetic & Vegetable
Dropping Point (ASTM D-2265)	190°C (374°F)
Specific Gravity, Typical	1.28
Density (kg/liter), Typical	1.28
Oil Separation (ASTM D-6184)	
Wt. % Loss @ 100°C (212°F)	<3.0
Flash Point (ASTM D-92)	>232°C (450°F)
NLGI Grade	1
Penetration @ 77°F (ASTM D-217)	290 - 325
Copper Strip Corrosion (ASTM D-4048)	1B
Friction Factor *	
Relative to API-Modified	1.0

\*The frictional properties can vary from one premium connection design to another. As such, one should test the torque required for proper engagement prior to running, or consult the connection manufacturer.

### PACKAGING

Inventory Code	Container Size	Container
20923	4 kg	Pail
20915	20 kg	Pail
20929	204 kg	Drum



### 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.