

# JET-LUBE® SEAL-GUARD™

## PREMIUM THREAD COMPOUND



OILFIELD

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### DESCRIPTION

**JET-LUBE® SEAL-GUARD™** represents the next generation in thread compound technology and design. Just as oilfield pipe materials and connections are engineered for specific applications and field service requirements, so must thread compounds be formulated to meet critical performance requirements. The thread compound must be tailored to the connection design, material (alloy), operating conditions and environmental and occupational health restrictions.

**JET-LUBE SEAL-GUARD** 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's** advanced base grease and additive technology (**CZ-EX®PLUS**) is further enhanced with high and low-strength polymers and 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. This cutting-edge technology provides a high affinity to metal surfaces with a 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.

- Metal free
- Frictional properties consistent with API MODIFIED
- High film strength to protect against galling
- Low solids content to accommodate premium connection design requirements
- Ideal for use on high-chrome connections
- H<sub>2</sub>S Inhibited
- Sticks to wet or oily threads
- Excellent for use on nuts, bolts, or other threaded fasteners

### APPLICATIONS

**JET-LUBE SEAL-GUARD** is recommended for use on premium connections, flow lines, nuts, bolts, etc. Can also be utilized on jacking systems.

### PRODUCT CHARACTERISTICS

Thickener	Complex Thickeners
Fluid Type	Petroleum (std grade)
Dropping Point (ASTM D-566)	≥392°F (200°C)
Specific Gravity	1.24-1.28
Density (lb/gal)	10.3-10.7
Penetration @77°F (ASTM D-217)	325 - 345
4-Ball (ASTM D-2596)	≥620
Weld Point, kgf	
Flash Point (ASTM D-92)	>450°F (232°C)
Std Grade Service Range	-20°F (-29°C) to 500°F (260°C)
Friction Factor	1.0

**SEAL-GUARD** has been tested for California Code of Regulations - Title 22, Chapter 30, Article II and is not classified as a hazardous waste. **SEAL-GUARD** is nontoxic, even in a marine environment, as evidenced by test results on the California Hazardous Waste Assessment Bioassay and its "D" rating in the North Sea (OSPAR) Guidelines.

### PACKAGING

Code No.	Container Size	Container
14423	9 lb.	Pail
14412	18 lb.	Pail
14415	45 lb.	Pail
14417	45 lb.	Metal Pail
14424	135 lb.	Drum
14429	450 lb.	Drum

### 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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