

SEAL-GUARD

Premium Thread Compound



TECHNICAL DATA SHEET

3820 - 97 Street, NW, Edmonton, Alberta Canada T6E 5S8 • Phone (780) 463-7441 Toll Free 1-888-771-7775 Fax (780) 463-7454 Toll Free 1-888-449-4449
email: sales@jetlubecanada.com Web site: www.jetlubecanada.com

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.

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 buttress thread forms.

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 solids content, 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
- H₂S Inhibited
- Sticks to wet or oily threads
- Excellent for use on nuts, bolts or other threaded fasteners

APPLICATIONS

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

PRODUCT SPECIFICATIONS

Thickener	Complex Thickeners
Fluid Type	Petroleum (std grade)
Dropping Point (ASTM D-566)	> 232°C (450°F)
Specific Gravity, Typical	1.22
Density (kg/liter), Typical	1.22
Penetration @ 25°C (ASTM D-217)	310 - 350
4-Ball (ASTM D-2596) Weld Point, kgf	> 620
Flash Point (ASTM D-92)	>232°C (450°F)

Std Grade Service Rating: -29°C to 260°C (-20°F to 500°F)

PACKAGING

Inventory Code	Container Size	Container
17312	18 Lb.	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.