

# RUN-N-SEAL<sup>®</sup> ARCTIC

## METAL-FREE THREAD SEALANT

### DESCRIPTION

JET-LUBE<sup>®</sup> RUN-N-SEAL<sup>®</sup> ARCTIC is a patented metal-free, high-pressure sealant alternative for API-MODIFIED. The compound contains graphite and other nonmetallic, inorganic, anti-wear additives blended into a low temperature capable base grease for easier application base grease. RUN-N-SEAL ARCTIC 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 anhydrous calcium grease also has excellent inherent water resistance. It sticks to wet and oily steel, ensuring the compound will not wash off threads.

RUN-N-SEAL ARCTIC has been tested for California Code of Regulations - Title 22, Chapter 30, Article II and is not classified as a hazardous waste. RUN-N-SEAL ARCTIC 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.

- 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 Standard and Thermal grades
- H<sub>2</sub>S Inhibited

### APPLICATIONS

RUN-N-SEAL ARCTIC is recommended for use on OCTG connections, flow lines, subsurface production tools, and tank battery installation in cold weather applications. RUN-N-SEAL ARCTIC 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<sup>™</sup>. For an environmentally friendly premium thread compound, use JET-LUBE SEAL-GUARD ECF.

### PRODUCT CHARACTERISTICS

Thickener	Anhydrous Calcium
Fluid Type	Petroleum
Dropping Point (ASTM D-2265)	300°F (149°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)	>320°F (160°C)
NLGI Grade	1
Penetration @77°F (ASTM D-217)	310 - 340
Copper Strip Corrosion (ASTM D-4048)	1A
4-Ball (ASTM D-2596)	
Weld Point, kgf	620
Friction Factor	0.9
(Relative to API-MODIFIED)	

Shelf Life: Minimum two years from date of manufacture.

### PACKAGING

Code No.	Container Size	Shipping Wt.
17123	1 gal.	11 lbs.
17112	2 gal.	22 lbs.
17115	5 gal.	54 lbs.
17117	5 gal. (metal)	54 lbs.

### 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.

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## CORPORATE LOCATIONS

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