



# RUN-N-SEAL<sup>®</sup> EXTREME

## METAL-FREE THREAD SEALANT

### DESCRIPTION

**JET-LUBE<sup>®</sup> RUN-N-SEAL<sup>®</sup> EXTREME** 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 our **KORR GUARD**, a high-temperature, rust-inhibiting complex soap based grease used for storage applications for nearly 2 decades. **RUN-N-SEAL EXTREME** 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 complex soap 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. **RUN-N-SEAL EXTREME** 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 EXTREME** is nontoxic, even in a marine environment, as evidenced by test results on the California Hazardous Waste Assessment Bioassay and a "D" rating in the North Sea (OSPAR) Guidelines.

- Enhanced rust inhibiting properties
- 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
- Conforms with API 5A3 for use with casing, tubing, and line pipe
- H<sub>2</sub>S Inhibited

### APPLICATIONS

**RUN-N-SEAL EXTREME** is recommended for use on OCTG connections, API connections, and subsurface production tools. **RUN-N-SEAL EXTREME** 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<sup>®</sup> SEALGUARD<sup>™</sup>**. For an environmentally friendly premium thread compound, use **JET-LUBE<sup>®</sup> SEAL-GUARD<sup>™</sup> ECF** or for higher contact pressure connections use or **HPHT THREAD COMPOUND**.

### PRODUCT CHARACTERISTICS

Thickener	Complex Soap
Fluid Type	Petroleum
Color	Dark Grey to Black
Dropping Point (ASTMD-2265)	450°F (232°C)
Specific Gravity	1.25
Density (lbs./gal.)	10.4
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 (ASTMD-217)	325 - 350
Copper Strip Corrosion (ASTMD-4048)	1A
4-Ball (ASTMD2596)	
Weld Point, kgf Friction	800
Factor (Relative to API-MODIFIED)	0.9
Service Rating, °F (°C)	-13 (-25) to 446 (230)

#### For package types and part numbers

[www.jetlube.com/resources/product-index/](http://www.jetlube.com/resources/product-index/)

#### Limited Warranty

[www.jetlube.com/assets/documents/Jet-Lube\\_Warranty.pdf](http://www.jetlube.com/assets/documents/Jet-Lube_Warranty.pdf)