



# RUN-N-SEAL® EXTREME ALL WEATHER GRADE

## DESCRIPTION

**JET-LUBE® RUN-N-SEAL® Extreme All Weather Grade (AWG)** is a patented, METAL-FREE, high pressure sealant alternative for API-MODIFIED for OCTG 8-round and buttress connections. The compound contains graphite and other nonmetallic, inorganic, anti-wear additives blended into a state-of-the-art, all weather, rust inhibiting complex soap based grease. **RUN-N-SEAL Extreme AWG** 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 AWG** 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 AWG** 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
- 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

## APPLICATIONS

**RUN-N-SEAL® Extreme AWG** is recommended for use on OCTG connections, API connections and subsurface production tools. **RUN-N-SEAL Extreme AWG** will lubricate, seal, and protect threaded connections of oilfield tubular goods onmakeup, in service and in storage. For premium thread designs use **JET-LUBE® SEAL GUARD™**.

## PRODUCT CHARACTERISTICS

Thickener	Complex Soap
Fluid Type	Petroleum
Dropping Point (ASTMD-2265)	>450°F (232°C) typ.
Specific Gravity	1.28
Density (lbs./gal.)	10.7
Oil Separation	<3.0 typ.
Wt. % Loss@212°F (100°C)	
Flash Point (ASTM D-92)	>350°F (177°C)
NLGI Grade	1
Penetration@25°C (ASTMD-217)	310 - 330
Copper Strip Corrosion (ASTMD-4048)	1A
4-Ball Weld Point, kgf (ASTMD2596)	800
Friction Factor (Relative to API-MODIFIED)	0.9
Shelf Life	5 years
Brushable to	-40° F (-40° C)

**For package types and part numbers contact [sales@jetlube.com](mailto:sales@jetlube.com).**

## LIMITED WARRANTY

For warranty information please visit [http://www.jetlube.com/pdf/Jet-Lube\\_Warranty.pdf](http://www.jetlube.com/pdf/Jet-Lube_Warranty.pdf)

You can also email us at [sales@jetlube.com](mailto:sales@jetlube.com) or write to the Sales Department at the address below.