

RUN-N-SEAL® EXTREME

ALL WEATHER GRADE



OILFIELD

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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 on makeup, in service and in storage. For premium thread designs use **JET-LUBE® SEAL GUARD™**.

PRODUCT CHARACTERISTICS

Thickener	Complex Soap
Fluid Type	Petroleum
Dropping Point (ASTM D-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 (ASTM D-217)	310 - 330
Copper Strip Corrosion (ASTM D-4048)	1A
4-Ball Weld Point, kgf (ASTM D2596)	800
Friction Factor (Relative to API-MODIFIED)	0.9
Shelf Life	5 years
Brushable to	-40°F (-40°C)

PACKAGING

Part No.	Container Size	Container
12215	5 gal / 20 litre	Pail

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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