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 we 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
- 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

APPLICATIONS

RUN-N-SEAL® Extreme AWG is recommended for use on OCTG connections,API connections and subsurface production tools. **RUN-N-SEAL** ExtremeAWG 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
Color	Dark Grey to Black
Dropping Point (ASTMD-2265)	>450°F (232°C) typ.
SpecificGravity	1.25
Density (lbs./gal.)	10.4
Oil Separation Wt. % Loss@212°F (100°C)	<3.0 typ.
Flash Point (ASTM D-92)	>350°F (177°C)
NLGIGrade	1
Penetration@25°C (ASTMD-217)	310 - 330
Copper StripCorrosion (ASTMD-4048)	1A
4-BallWeld Point, kgf (ASTMD2596)	800
Friction Factor (Relative toAPI-MODIFIED)	0.9
Service Rating, °F (°C)	-22 (30) to 446 (230)
Brushable Temperature, °F (°C)	-40 (-40)

For package types and part numbers
www.jetlube.com/resources/product-index/

Limited Warranty
www.jetlube.com/assets/documents/Jet-Lube_Warranty.pdf