



RUN-N-SEAL[®] ECF[™]

BIODEGRADABLE METAL-FREE THREAD SEALANT UK/NL 'E', NORWAY 'YELLOW' CLASSIFICATION

DESCRIPTION

JET-LUBE RUN-N-SEAL ECF is a patented biodegradable metal-free high pressure sealant alternative to API-MODIFIED. The compound contains non metallic, inorganic, anti-wear additives blended into high quality sulphonate complex soap base grease.

RUN-N-SEAL ECF contains a large volume of solids enhanced by a higher concentration of large-seized particles. The improved distribution of particle sizes and volume of solids provides an excellent seal in large and small diameter, non-shouldered threads. The base grease provides a high melting point, ensures brushability over a wide range of temperatures and has excellent inherent corrosion resistance. It sticks to wet and oily steel ensuring the compound will not wash off threads.

RUN-N-SEAL ECF has been tested for California Code of Regulations - Title 22, Chapter 30, Article 11 and is not classified as a hazardous waste.

RUN-N-SEAL ECF is non-toxic even in a marine environment. The CEFAS 'E' rating is the highest category of biodegradability. To achieve this standard, a compound must degrade by more than 60% in the first 28 days of exposure to sea-water.

ADVANTAGES

- 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 and set forth in API RP 5A3

APPLICATIONS

LIMITED WARRANTY

Jet-Lube (UK) Limited makes the Limited Express Warranty that at the date of delivery, this product shall be free from defects in Jet-Lube (UK) Limited 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 (UK) Limited. 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 (UK) Limited shall not be liable for incidental or consequential damages

RUN-N-SEAL ECF is recommended for use on **non-Premium** OCTG connections, flow lines, subsurface production tools and tank battery installation.

RUN-N-SEAL ECF will lubricate, seal and protect threaded connections on oilfield tubular goods on makeup, in service and in storage.

For **Premium connections**, we recommend the use of Jet-Lube **Seal-guard** or **Seal-guard ECF**.

PRODUCT CHARACTERISTICS

Service Range: -18°C (0°F) to 199°C (390°F)

Thickener Calcium sulphonate complex

Fluid Type Petroleum & veg

Dropping Point (ASTM D-2265) 232°C (450°F)

Specific Gravity 1.23

Oil Separation <3.0

Wr. % Loss x@ 212°F (100°C)

Flash Point (ASTM D-92) 232°C (450°F)

NLGI Grade 1

Penetration 320-340

@ 25°C (ASTM D-217)

Copper Strip Corrosion 1A

(ASTM D-4048)

Shell 4-Ball Weld Point, kgf 800

(ASTM D-2596)

Friction Factor 0.9

(Relative to API-MODIFIED)

Shelf life 5 years from manufactured date

PACKAGING

Code No.	Size	Container
JA29214	12.5kg	Metal pail
JA29215	20kg	Metal pail