

RUN-N-SEAL ECF™

Tubing & Casing Running Compound



TECHNICAL DATA SHEET

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DESCRIPTION

RUN-N-SEAL® ECF™ has been specifically formulated to meet the performance requirements of proprietary thread seal connection designs utilizing today's high-performance materials, which include "super" chrome and high-alloy steels. The combination of small and large particles provides optimum sealability on 8-round and buttress thread forms.

RUN-N-SEAL ECF's advanced base grease is a carefully selected balance of synthetic and vegetable oils with our Extreme base grease thickener technology coupled with innovative solid lubricants. The result is superior lubrication under high loads with galling resistance equivalent to heavy metal-based compounds in a totally metal-free formulation. This cutting-edge technology provides a high affinity to metal surfaces with a high added-solids content. In addition, there is a large percentage of submicron particles formed by chemical reaction; creating a film that gives consistent frictional performance without restricting proper engagement of the connection contact surfaces. In lab tests, **RUN-N-SEAL ECF** has a friction factor equivalent to API MODIFIED. However, there may be connection types with which a higher/lower friction factor is incurred

- Biodegradable
- Metal free
- Frictional properties similar to API MODIFIED
- High film strength to protect against galling
- High solids content to accommodate thread seal connection design requirements
- Ideal for use on high-chrome connections
- Sticks to wet or oily threads

APPLICATIONS

RUN-N-SEAL ECF is recommended for use on thread seal connections such as 8-round, buttress, and DINO VAM®.

OPERATING RANGE

Temperatures from -29°C to 260°C (-20°F to 500°F)
Pressures from 69,000 kPa (10,000 psi)



PRODUCT SPECIFICATIONS

Color	Dark Gray to Black
Thickener	Complex Thickeners
Fluid Type (oil)	Synthetic & Vegetable
Dropping Point (ASTM D-2265)	374°F (190°C)
Specific Gravity, typical	1.32
Density (lb/gal), typical	11.0
Oil Separation (ASTM D-6184)	<3.0
Wt. % Loss @ 212°F (100°C)	
Flash Point (ASTM D-92)	>450°F (232°C)
NLGI Grade	1
Penetration @77°F (ASTM D-217)	310 - 340
Copper Strip Corrosion (ASTM D-4048)	1B
4-Ball (ASTM D-2596)	
Weld Point, kgf	800 typical
Salt Fog Resistance (ASTM B-117)	5% NaCl >2000 hrs., 20% NaCl >750 hrs.
Friction Factor* Relative to API-Modified	
* The frictional properties can vary from one connection design to another. As such, one should test the torque required for proper engagement prior to running, or consult the connection manufacturer.	

Thixotropic - Stir Well Before Using

PACKAGING

Inventory Code	Container Size	Container
29214	12.5 kg	Pail
29215	20 kg	Pail
29228	180 kg	Drum

CERTIFICATIONS



ECO-CERTIFIED

Ospar Commission-HOCNF

(Harmonized Offshore Chemical Notification Format)

CLASSIFICATION: "Yellow" rating for Norway

CLASSIFICATION: "E" for The United Kingdom & The Netherlands

LIMITED WARRANTY

Jet-Lube of Canada makes the Limited Express Warranty that at the date of delivery, this product shall be free from defects in Jet-Lube of Canada Ltd. 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 of Canada Ltd.

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 of Canada Ltd. shall not be liable for incidental or consequential damages.