

JET-LUBE® HPHT™

High-Pressure, High-Temp Thread Compound

DESCRIPTION

JET-LUBE® HPHT™ thread compound has been specifically formulated to meet high performance requirements of proprietary, metal-to-metal seal and high-interference connection. It is designed utilizing today's high-performance materials, which include "super" chrome and high-alloy steels. The particle size was selected which also allows it to seal 8-round & buttress thread forms. For large clearance, thread seal connection designs JET-LUBE® RUN N SEAL ECF is advised.

JET-LUBE® HPHT™ thread compound is an advanced base grease that is a carefully selected balance of synthetic oils with a biodegradable grease thickener technology. JET-LUBE® HPHT™ thread compound provides excellent adhesion and stability yet biodegrades and is environmentally safe based upon the HOCNF guidelines. The result is superior lubrication and ancillary sealing under high loads with galling resistance equivalent to heavy metal-based compounds in a totally metal-free formulation. In lab tests, JET-LUBE® HPHT™ thread compound has a friction factor equivalent to API MODIFIED. However, there may be connection types with which a higher/lower friction factor is incurred.

BENEFITS

- Biodegradable & Eco-safe, Metal free
- Low volatility at temperatures up to 232°C
- Frictional properties equivalent to API MODIFIED
- High film strength to protect against galling
- Balanced solids content and size to accommodate premium mechanical seal & 8-round connection design requirements
- Ideal for use on high-chrome connections
- Sticks to wet or oily threads

Ospar Commission-HOCNF

CLASSIFICATION: "Yellow" rating for Norway

CLASSIFICATION: "E" for United Kingdom & The Netherlands

APPLICATIONS

JET-LUBE® HPHT™ thread compound is recommended for use on premium mechanical seal & 8-round connections.

PRODUCT CHARACTERISTICS

Color	Black
Thickener	Complex Thickeners
Fluid Type (oil)	Synthetic
Dropping Point (ASTM D-2265)	>550°F (288°C)
Specific Gravity, typical	1.33
Density (lb/gal), typical	11.08
Oil Separation (ASTM D-6184)	<3.0
Wt. % Loss @ 212°F (100°C)	
Flash Point (ASTM D-92)	>550°F (288°C)
NLGI Grade	1
Penetration @77°F (ASTM D-217)	290 – 335
Copper Strip Corrosion (ASTM D-4048)	1B
4-Ball (ASTM D-2596)	1000 typical
Weld Point, kgf	
Salt Fog Resistance (ASTM B-117)	5% NaCl >2000 hrs. 20% NaCl >750 hrs.
Service Rating	-30°F (-34°C) to ≥450°F (232°C)
EPA 1311-TCLP	Non-detected
Shelf life	2 years if unopened
Friction Factor	1.0*
Relative to API-Modified	

* The frictional properties can vary from one premium connection design to another. Consult the connection manufacturer to test the torque required for proper engagement prior to running.

PACKAGING

Code No.	Container Size	Container
36423	9 lb. (4 kg.)	Pail
36415	33 lb. (15 kg.)	Pail
36429	44 lb. (20 kg.)	Drum

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.

0813

CORPORATE HEADQUARTERS

Houston, Texas



JET-LUBE, INC.
4849 HOMESTEAD RD
SUITE 232
HOUSTON, TX 77028

WATTS: 800-538-5823
PHONE: 713-670-5700
FAX: 713-678-4604

Maidenhead, England
Edmonton, Canada