

ECO-SAFE™

NONMETALLIC THREAD COMPOUND



Certified to NSF/ANSI 61
Section 9

No. C0071457

DESCRIPTION

ECO-SAFE™ nonmetallic thread compound is a premium quality, nonmetallic compound containing carbon based fibers and additives and other natural extreme pressure and anti-wear additives. These are blended into JET-LUBE's high temp calcium complex base grease. This new base grease offers the additional advantage of superior adhesion to wet steel surfaces, resistance to water wash-off, and most drilling fluids. ECO-SAFE™ is especially effective for invert or high-pH drilling fluids.

- Excellent performance on high-chrome or nickel alloys
- Contains no metals
- NSF H2 Registered
- Extreme-pressure additives provide additional protection against seizing and galling
- Completely biodegradable
- Nontoxic
- High film strength
- High frictional properties ideal for casing drilling applications

With ECO-SAFE, "metal free" doesn't mean "low performance". It facilitates a consistent, easy make up on par with traditional thread compounds without the cost volatility and environmental concerns associated with metallic compounds. ECO-SAFE offers excellent protection to threaded connections and the environment.

ECO-SAFE™ is NSF 61 Certified
Jet-Lube, Inc. is listed by NSF International

ECO-SAFE™ is also certified to NSF/ANSI 61, Annex G and is in compliance with California's Health & Safety Code Section 116875 (commonly known as AB1953) and Vermont Act 193.

Weighted average lead content $\leq 0.25\%$; Solder and flux lead content $\leq 0.2\%$.

PRODUCT CHARACTERISTICS

Thickener	Calcium Complex
Fluid Type	Petroleum Dropping
Point (ASTM D-2265)	$\geq 450^\circ\text{F}$ (232°C)
Specific Gravity, typical	1.30
Density (lb/gal), typical	10.30
Oil Separation (ASTM D-6184)	< 3.0
Wt. % Loss @ 212°F (100°C)	
Flash Point (ASTM D-92)	$> 430^\circ\text{F}$ (221°C)
NLGI Grade	1
Penetration @ 77°F (ASTM D-217)	300 - 330
Copper Strip Corrosion (ASTM D-4048)	1A, typical
Service Rating	-20°F (-29°C) to 500°F (260°C)

Shelf Life: Minimum two years from manufacture date.

PACKAGING

Code No.	Container Size	Container
14523	1 gal.	Pail
14512	2 gal.	Pail
14515	5 gal.	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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CORPORATE LOCATIONS

Houston, Texas—World Headquarters

Maidenhead, England

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