

# LITE-KNIGHT

## Tool Joint Compound



### TECHNICAL DATA SHEET

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#### DESCRIPTION

**JET-LUBE LITE-KNIGHT** is a lead-free compound primarily designed for use in the water well drilling industry. During drilling in shallow depths and softer formations the makeup and breakout of tool joints remain vital, not only for speed but for thread protection as well. **LITE-KNIGHT** provides this protection, and as with Jet-Lube oilfield drilling compounds, compound build-up in the thread roots will not occur. CZ-EX<sup>®</sup> is added to protect against seizure and galling. **LITE-KNIGHT** does not have to be stirred as it retains a uniformly consistent dispersion despite transit or extended storage periods.

#### APPLICATIONS

LITE-KNIGHT is ideal for use on tool joints in water well drilling operations. It is also suitable for use in seismic work and coal testing.

#### OPERATING RANGE

-18°C to 205°C (0°F to 400°F)

#### CHARACTERISTICS

- Lead free
- Consistent makeup and breakout of tool joints
- Sticks to wet joints
- Smooth consistency for ease of application

#### PRODUCT SPECIFICATIONS

Thickener	Aluminum Stearate
Fluid Type	Petroleum
Color/Appearance	Black/Brown
Dropping Point (ASTM D-566)	91°C (195°F)
Specific Gravity, Typical	.99
Density (kg/liter), Typical	.99
Oil Separation, Wt. % Loss @ 100°C (212°F)	<3%
Flash Point (ASTM D-92)	>221°C (430°F)
Water Spray-Off (ASTM D-4049)	<10%
NLGI Grade	2
Copper Strip Corrosion (ASTM D-4048)	1A

#### PACKAGING

Inventory Code	Container Size	Container
11907	7 Liter	Pail
11915	15 Liter	Pail



#### 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.