

POW'R-KOTE[®] ARCTIC

PREMIUM NONMETALLIC, EXTREME-SERVICE TOOL JOINT COMPOUND

DESCRIPTION

JET-LUBE's new generation, PREMIUM drill collar and tool joint compound, POW'R-KOTE ARCTIC, is formulated from a patented blend of nonmetallic, environmentally acceptable ingredients.

- Highly recommended for large diameter drill collars
- POW'R-KOTE ARCTIC not only meets, but exceeds industry performance and environmental compliance standards.
- POW'R-KOTE ARCTIC is recommended for the most extreme drilling conditions, including high angle holes, extended reach, sidetrack reentry and horizontal drilling applications.
- POW'R-KOTE ARCTIC is especially effective in helping prevent excessive circumferential make-up.
- Formulated with a patented blend of high tech polymers, graphite and other additives.
- Inhibitors to protect against rust and corrosion.
- Brushable over a wide temperature range.
- California Code of Regulations, Title 22 compliant.

This premium product utilizes sophisticated, high strength polymers as well as graphite and other naturally occurring, extreme pressure and anti-wear additives in a synergistic blend that locks together under high loads to resist galling and seizure. The additives package is blended into JET-LUBE's Arctic Base grease that is fortified with antioxidants and rust and corrosion inhibitors to provide long lasting performance in a wide range of conditions.

POW'R-KOTE ARCTIC has been designed to utilize the makeup charts in API RP7G by multiplying the torque by 1.15. In the more severe drilling situations such as higher speeds, higher penetration rates, deviated holes or harder formations, drill collars should be made up 25% over the listed RP7G values.

APPLICATIONS

POW'R-KOTE ARCTIC is recommended for the entire drill string in standard and severe drilling conditions.

PRODUCT CHARACTERISTICS

Thickener	Calcium
Fluid Type	Petroleum
Dropping Point (ASTM D-566)	450°F (232°C)
Density (lb/gal)	9.10
Oil Separation	<3.0
Wt. % Loss @ 212°F (100°C)	
Flash Point (ASTM D-92)	335°F (168°C)
NLGI Grade	1
Penetration @ 77°F (ASTM D-217)	310-335
Copper Strip Corrosion (ASTM D-4048)	1A
4-Ball (ASTM D-2596)	
Weld Point, kgf	620
Friction Factor	1.15 (standard service)
(Relative to API RP 7G)	1.25 (severe service)

PACKAGING

Code No.	Container Size	Shipping Wt.
34915	5 gal. (plastic)	44 lb.

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

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Maidenhead, England

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