



KOV'R-KOTE®

NONMETALLIC DRILL COLLARS, DRILL PIPE, TUBING & CASING THREAD COMPOUND

DESCRIPTION

KOV'R-KOTE® is the next logical step for the new generation premium compounds manufactured by **JET-LUBE®**. Based on the same patented Polymer Chemistry used to develop **POW'R-KOTE®**, **KOV'R-KOTE** is an economical, multifunctional, nonmetallic thread compound with a 1.0 Friction Factor to replace zinc compounds.

High strength polymers, graphite, and other naturally-occurring, extreme-pressure, and anti-wear additives lock together under pressure to resist galling, seizure, and down-hole makeup. **KOV'R-KOTE's** high film strength (800 kgf measured by ASTM D-2596, 4-Ball EP Test) is among the highest in the industry for nonmetallic compounds. This makes it well suited for use on drill strings in any drilling environment and for bottom hole assemblies in most drilling situations.*

- Multifunctional (for use on both shouldered and non-interference threads)
- Nonmetallic
- Formulated with a patented blend of high-tech polymers, graphite and other nonmetallic additives
- Sticks to wet joints
- Aluminum-complex base for brushability and stability over a wide temperature range
- Contains additives for rust, corrosion, and oxidation protection
- Exceeds all performance specs described in API specification 5CT and set forth in API Recommended Practice 5A3
- Available in Arctic and Thermal Grades

APPLICATIONS

KOV'R-KOTE is designed to work as an anti-seize compound on shouldered connections, a running and sealing compound on interference-threaded connections, and as a storage compound for all types of threaded connections. NSF H2 Reg. #127360

*For the most severe applications, **KOPR-KOTE®**, **EXTREME** or **NCS-30** is recommended.

PRODUCT CHARACTERISTICS

Thickener	AluminumComplex
Fluid Type	Petroleum
Dropping Point (ASTMD-566)	450°F (232°C)
Specific Gravity	1.2
Density (lb/gal)	10.2
Oil Separation (ASTMD-6184)	<3.0
WT. % LOSS @212°F (100°C)	
Flash Point (ASTM D-92)	>450°F (232°C)
NLGI Grade	1
Penetration@77°F (ASTMD-217)	310 - 340
Copper Strip Corrosion (ASTM D-4048)	1A
4-Ball (ASTM D-2596)	
Weld Point, kgf	800
Friction Factor (relative to API-Modified)	1.0
Friction Factor	1.0

(Per API RP 7G), Friction factors for **KOV'R-KOTE** were developed using full scale API tool Joint connections.

Environmental Rating:

UK CEFAS OCNS Group D

For package types and part numbers contact sales@jetlube.com.

LIMITED WARRANTY

For warranty information please visit

http://www.jetlube.com/pdf/Jet-Lube_Warranty.pdf