

KOPR-KOTE[®] AEROSOL



High Temperature Anti-Seize Compound

TECHNICAL DATA SHEET

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DESCRIPTION

KOPR-KOTE[®] is a low-friction anti-seize lubricant manufactured from a combination of micro-size copper flakes and graphite, dispersed in a water-resistant grease and is fortified with anti-oxidants, plus rust and corrosion inhibitors. The new low volatile organic compound (V.O.C.) packaging utilizes the same proven formula as bulk packaged KOPR-KOTE, but depends almost entirely on the propellant as opposed to solvents to cut the product to aerosol consistency. This helps to lower total V.O.C. content while increasing the usable amount of product per can.

KOPR-KOTE provides a shield against metal-to-metal contact, thus preventing seizure and corrosion. Its ingredients create an effective matrix between mated surfaces and are unaffected by contraction or expansion. It fills irregularities and imperfections and resists welding, hardening or setting. **KOPR-KOTE** provides low friction and cushions impact and shock loads. Low shear between particles reduces stick-slip, allowing quick disassembly with minimum wrench torque. It will not squeeze out of the threads, gum up, or wash off.

APPLICATIONS

KOPR-KOTE aerosol is excellent for use anywhere standard bulk packaged **KOPR-KOTE** is used. Aerosol packaging is ideal for areas not easily accessible by brush.

Conforms to Military Specification MIL-PRF-907F

OPERATING RANGE: -54°C to 982°C (-65°F to 1800°F)

CHARACTERISTICS

- Lowers friction; reduces wrench torque
- Permits reuse of fittings; saves on stud, bolt and nut replacement
- Contains no CFC's or chlorinated solvents
- Low V.O.C. formulation
- Not affected by contraction, expansion or vibration
- Will not run, drip or settle out

PRODUCT SPECIFICATIONS

Spray Pattern	2" to 4" Cone
Propellant	Hydrocarbon
Solvent Type	Petroleum (<10%)
Film Appearance	Bronze Greasy Film
Thickener	Aluminum Complex
Fluid Type	Petroleum
Dropping Point (ASTM D-566)	232°C (450°F)
Density (kg/liter), Typical	1.10
Specific Gravity	1.10
Oil Separation, Wt. % Loss @ 100°C (212°F)	<3.0%
Flash Point (ASTM D-92)	>140°C (60°F)
V.O.C. Content	<350 mg/l
K-Factor (1" B7 Studs @ 80,000 psi Contact Stress)	0.15
Copper Strip Corrosion (ASTM D-4048)	1A
Shell 4-Ball (ASTM D-2596)	
Weld Point, kgf	800
Load Wear Index	125

PACKAGING

Inventory Code	Container Size	Container
10041	12 oz.	Aerosol

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.