

# KOPR-KOTE®

## HIGH-TEMPERATURE ANTI-SEIZE

### 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 fortified with antioxidants, plus rust and corrosion inhibitors. **KOPR-KOTE®** provides protection unequalled by competitive brands.

**KOPR-KOTE®** provides a shield against metal-to-metal contact, preventing seizure and corrosion. 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.

- Not classified as marine pollutant - DOT Approval CA2004080025
- NSF Registered H2 (No. 120923)\*
- Conforms to MIL-PRF-907F
- Conforms to RAYTHEON spec M8656839 Type I
- Service rating: -65°F (-54°C) to 1800°F (982°C)
- Contains no lead or zinc.
- Lowers friction; reduces wrench torque.
- Permits reuse of fittings; saves stud, bolt, and nut replacement.
- Not affected by contraction, expansion, or vibration.
- Will not run, drip, or settle out.
- Available in convenient aerosol form.

### APPLICATIONS

**KOPR-KOTE®** is ideal for use on threaded connections, pump housings, flanges, studs, exhaust manifold bolts, compressor heads, autoclaves, lathe centers, etc.

\* Aerosol package is not NSF Registered

### PRODUCT CHARACTERISTICS

Thickener	Complex Based
Fluid Type	Petroleum
Dropping Point (ASTM D-566)	450°F (232°C)
Specific Gravity	1.21 typical
Density (lb/gal)	10.1 typical
Oil Separation (ASTM D-6184)	<3.0
WT. % LOSS @ 212°F (100°C)	
Flash Point (ASTM D-92)	>450°F (232°C)
K-Factor*	.15
1" B7 Studs @ 80,000 psi Contact Stress	
Penetration @ 77°F (ASTM D-217)	310 - 330
Copper Strip Corrosion (ASTM D-4048)	1A
4-Ball (ASTM D-2596)	
Weld Point, kgf	620
Load Wear Index	125
VOC	0 g/L

\*(T = K × D × F) where:

T = torque, K = nut factor, sometimes called the friction factor, D = bolt diameter, and F = bolt tension generated during tightening.

### PACKAGING

Code No.	Container Size	Container
10055	¼ lb.	Brush Top Can
10002	½ lb.	Brush Top Can
10004	1 lb.	Brush Top Can
10007	2 lb.	Plug Top Can
10041	12 oz.	Aerosol
See Aerosol Product Bulletin/MSDS		
10050	14 oz.	Cartridge
10091	1 gal.	Pail
10092	2 ½ gal.	Pail
10093	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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