

JET-LUBE® KOPR-KOTE® ANTI SEIZE

Copper Anti-Seize & Thread Lubricant

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.

- NSF Registered H2 (No. 120923)*
- Conforms to MIL-PRF-907F
- Conforms to RAYTHEON spec M8656839 Type II
- Service rating: -65°F (-54°C) to 1800° (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
- Also available in a convenient aerosol package
- 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.

Notes:

**Aerosol package is not NSF Registered*

*** Aerosols that contain solid materials such as copper or aluminum are subject to clogging. If you experience clogging, remove the nozzle, shake the can for about 30 seconds, and put the nozzle back on the can. This should clear the clog.*

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)
Nut-Factor*	0.15
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 x D x F) where:

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

For package types and part numbers

www.jetlube.com/resources/product-index/

Limited Warranty

www.jetlube.com/assets/documents/Jet-Lube_Warranty.pdf