JET-LUBE®

KOPR-KOTE®

HIGH TEMPERATURE ANTI-SEIZE

PCS COMPANY
Turn To The Industry Experts

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 a marine pollutant - DOT Approval CA2004080025
- 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.

**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) WT. % LOSS @ 212°F (100°C)	<3.0
Flash Point (ASTM D-92)	>450°F (232°C)
Nut-Factor* 1" B7 Studs @ 80,000 psi Contact Stress	0.15
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.