



## 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 I
- 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)	<3.0
WT. % LOSS @ 212°F (100°C)	
Flash Point (ASTM D-92)	>450°F (232°C)
K-Factor*/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 called the friction factor, D = bolt diameter, and F = bolt tension generated during tightening.

## PACKAGING

Code No.	Container Size	Container
10055	¼ lb.	11 lb.
10002	½ lb.	20 lb.
10004	1 lb.	52 lb.
10007	2 lb.	152 lb.
10041	12 oz.	514 lb.
See Aerosol Product Bulletin/MSDS		
10050	14 oz.	Cartridge
10091	1 gal.	Pail
10092	2 ½ gal.	Pail
10093	5 gal.	Pail

For package types and part numbers contact [sales@jetlube.com](mailto:sales@jetlube.com)

## LIMITED WARRANTY

For warranty information please visit

[http://www.jetlube.com/pdf/Jet-Lube\\_Warranty.pdf](http://www.jetlube.com/pdf/Jet-Lube_Warranty.pdf)

You can also email us at [sales@jetlube.com](mailto:sales@jetlube.com) or write to the Sales Department at the address below.