



Bringing Quality & Excellence

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TECHNICAL DATA SHEET

KOPR-Kote® Copper/Graphite High-Temp Anti-Seize and Thread Lubricant

DESCRIPTION

KOPR-KOTE Industrial 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 has EP additives, providing protection unequalled by competitive brands. KOPR-KOTE provides a shield against metal-to-metal contact, 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, harden or wash off.

ADVANTAGES

- Contains no lead or zinc.
- Lowers friction; reduces tightening torque on threaded components.
- Permits re-use of fittings; saves stud, bolt and nut replacement.
- Base grease optimised for brushability and stability over a wide temperature range.
- Not affected by contraction; expansion or vibration.
- Will not run, drip or settle out.

APPLICATIONS

KOPR-KOTE has no equal in temperature services up to 982°C (1800°F). Fittings that become red hot, then allowed to cool, can quickly be disassembled without seizure or distortion.

PRODUCT CHARACTERISTICS

Service range:	-54°C (-65°F) to 982°C (1800°F)
Thickener:	Bentone
Fluid Type:	Petroleum
Specific Gravity:	1,15
Dropping Point (ASTM D-566):	Non-melting
Oil Separation:	
Wt. % Loss @ 212°F (100°C):	<3,0
Flash Point (ASTM D-92):	>221°C (430°F)
NLGI Grade:	1
Coefficient of Friction:	0,11

K-factor 1" B7 Stud 80.000 psi:	0,15
Penetration @ 25°C (77°F) (ASTM D-217):	310-330
Copper Strip Corrosion (ASTM D-4048):	1A
Shell 4-Ball (ASTM D-2596)	
Weld Point, kgf:	800
Load Wear Index:	125
Salt Fog Resistance (ASTM B-117) 20% NaCl @ 38°C (100°F), Free of Corrosion: 200Hrs.	

PACKAGING

Code	Net contents	Container
44480547	250g	Brush Top Can
73917359	500g	Brush Top Can
29306206	400ml	Aerosol
52855733	1kg	Brush Top Can
12349685	4,5kg	Pail
74500796	12,5kg	Pail
65293270	20kg	Pail

LIMITED WARRANTY

Jet-Lube (UK) Limited makes the Limited Express Warranty that at the date of delivery, this product shall be free from defects in Jet-Lube (UK) Limited 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 (UK) Limited. 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 (UK) Limited shall not be liable for incidental or consequential damages.



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