



COPPERCREST™

HIGH TEMPERATURE ANTI-SEIZE AND ASSEMBLY PASTE

DESCRIPTION

COPPERCREST 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.

COPPERCREST 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.

COPPERCREST provides low friction and cushions impact and shock loads. Low shear between particles reduces stick-slip, allowing quick disassembly with minimum spanner torque. It will not squeeze out of the threads, gum up or wash off.

ADVANTAGES

- Conforms to MIL-A-907E.
- Contains no zinc or lead.
- Lowers friction; reduces tightening torque on threaded components.
- Permits reuse 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

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

COPPERCREST is recommended for production and maintenance jobs where speed in assembling and dismantling is essential.

Shelf Life: 5 years

PRODUCT CHARACTERISTICS

Service range	54°C to 982°C (-65 to 1800°F)
Thickener	Bentone
Fluid Type	Petroleum
Dropping Point	Non melt
Specific Gravity	1.15
Oil Separation	<3.0
Wt. %Loss @ 212°F (100°C)	
Flash Point (ASTM D-92)	>221°C (430°F)
NLGI Grade	1 1/2
Coefficient of Friction	0.11
Stainless Steel	
Penetration 310-330 @ 25°C (77°F) (IP50)	
Copper Strip Corrosion (ASTM D-4048)	1A
Shell 4-Ball (ASTM D-2596)	
Weld point, kgf	800
Load Wear Index	125
Salt Fog Resistance	200
20% NaCl @ 100°F, Hrs. Free of Corrosion (ASTM B-117)	

PACKAGING

Code No.	Size	Container
COP000225	12 x 225g	Tube
COP000500	12 x 500g	Tub
COP001000	6 x 1kg	Tub
COP005000	5 kg	Pail
COP012500	12.5 kg	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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