



HT-1800

PURE COPPER ANTI-SEIZE COMPOUND

ANTI-SEIZE/EXTREME TEMPERATURE COMPOUNDS

CLEANERS & DEGREASERS

MULTI-PURPOSE GREASES

PIPE COATINGS

PIPE STORAGE COMPOUNDS

PUMP PACKINGS

RUST AND CORROSION INHIBITORS

SPECIALTY FLUIDS

SPECIALTY LUBRICANTS

SPECIALTY SEALANTS

SPECIALTY OILS & ADDITIVES

THREAD COMPOUNDS (DRILLING/TOOL JOINT, TUBING/CASING)

THREAD LOCKING COMPOUNDS

THREAD SEALANTS

VALVE LUBRICANTS, SEALANTS AND CLEANERS

WIRELINE GREASES & LINE SPRAYS

PRODUCT DESCRIPTION

HT-1800 Pure Copper Compound is a high temperature anti-seize compound, manufactured with the highest quality copper dust for applications at temperatures up to 1800°F (982°C). HT-1800 contains no lead or graphite, will not separate, harden, settle, or dry out during storage. It will not run or drip, and maintains its anti-seize qualities under extreme torque yet breaks out readily without galling or damage to the threads. HT-1800 prevents metal-to-metal contact under varying temperatures and maintains its lubrication qualities under a wide variety of conditions. HT-1800 may be used on all metals.

BENEFITS

- Lead-Free
- Graphite-Free
- Services temperatures up to 1800°F (982°C)
- Prevents leaking, galling, and seizing
- Will not separate, harden, settle, or dry out during storage
- Prevents metal-to-metal contact
- Easily applied by brushing
- Will not run, drip, or thin out on hot surfaces
- Good extreme pressure properties
- Non-corrosive
- Superior lubrication

APPLICATION

HT-1800 is may be used for applications to stainless steel at high temperatures and may be used on studs, bolts, threaded connections, gaskets, keyways, flanges, dies, and in other applications where protection against corrosion, leakage, or damage is of ultimate importance.

HT-1800 is easily applied by brushing to provide complete surface coverage. It bonds to surfaces including those that are wet or oily. HT-1800 will not run off, drip, or thin out when applied to hot surfaces.

TYPICAL OBSERVATIONS

Color	Copper
Texture	Smooth
Active Component	Copper
Density, lb/gal @ 77°F (25°C)	9.50
Specific Gravity @ 77°F (25°C)	1.138
Dropping Point, ASTM D-2265	480°F (248°C)
Flash Point, ASTM D-92	>400°F (>204°C)
Penetration, ASTM D-217	
worked @ 77°F (25°C) Summer	310
worked @ 77°F (25°C) Winter	320
NLGI Grade	1
Base Oil Viscosity,	
cSt @ 40°C	375
Corrosion Preventive Properties,	
ASTM D-1743 @ 125°F (51°C)	Pass
Evaporation Loss,	
ASTM D-972 @ 210°F (98°C)	0.32
Oil Separation, ASTM D-1742	
@ 77°F (25°C)	0.6
4 Ball EP List (ASTM 2596)	300
Copper Strip Corrosion (ASTM D-4048)	1A
Salt Fog Resistance	100
Freezing Point	-22°F (-30°C)
Shelf Life (unopened container)	Two years

RELATED PRODUCTS

HT-2001 High Temperature Anti-Seize Compound

