



M-30 COPPER ANTI-SEIZE

Revised 10-1-09

DESCRIPTION

M-30 Copper Anti-Seize Thread Lubricant (lead free) is formulated with micro size copper flakes. Additional additives give the product extreme pressure performance and greater lubricity. It contains compounds that have tremendous loading ability under all temperature ranges from below 0⁰F to over 1500⁰F (-18⁰C to 816⁰C). The metallic compounds are blended into a non-flammable lubricant that exceeds API working parameters.

M-30 Copper Anti-Seize is formulated to prevent down-hole makeup, even when excessive drilling torques are required. This helps to prevent galling and ensures ease of breakout.

An excellent drill pipe and drill collar compound provides a positive seal on rotary shoulder connections under all drilling conditions while preventing galling.

M-30 Copper Anti-Seize has proven to be extremely reliable in underground boring applications. This environmentally friendly formula makes for ease of breakout.

As an anti-seize compound it is used on fittings, flanges, tubing, coupling, gauges, studs, nipples, nuts, pipe threads, unions, pipe reducers, screws and valves. It can be used on power screws, sleeves, tool ways and guides, packing in U-joints, cams, dies and punches, taps and drills, lathe centers, drive chains, rod ends bearings, gears, cables, as a wire line dressing and on all tool joints.

As a high temperature lubricant it may be used on all threaded connections, flange connections, engine connections, heat exchangers, autoclaves, manifolds, ovens, boilers, cylinder heads, turbines and burner heads. It is not recommended for stainless steel fittings where the temperature exceeds 500⁰F (260⁰C).

PERFORMANCE CHARACTERISTICS

Contains special rust and corrosion inhibitors.

Remains in perfect dispersion in either hot or cold weather.

Extreme pressure performance.

Ideal for natural gas plants, refineries, and petrochemical plants.

Contains no lead.

Service rating to 10,000 p.s.i. in confined threads.

Temperature rating to 1500 °F (815 °C).

<u>SPECIFICATIONS</u>	
Base Grease	Lithium 12-hydroxystearate
NLGI	1
ASTM penetration unworked @ 60 °F	310-340
Sulphur content, %	<0.15
Flashpoint, °F	460
Viscosity @ 100°F, SUS	900
Viscosity @ 210°F, SUS	75

**For Product Information Sheets and Material Safety Data Sheets,
Please visit our website: BatonRougeIndustries.com**