

LUBRICANTS

BOELUBE LUBRICANTS

A Space Age Lubricant developed by The Boeing Company that fights friction at the interface of the cutting edge and the workpiece. The reduction of friction at these surfaces minimizes heat generation and concurrent chip weld. Tools retain their cutting edge longer, leading to closer tolerances and prime chip yield. Manufactured from personal care ingredients, Boelube is non-toxic, non-irritating and biodegradable. Boelube is non-corrosive, non-flammable, chemically stable and free of halogens, heavy metals, sulfur, phosphorus, silicone, petroleum or paraffin wax.



BOELUBE® BL70200-13 SOLIDS LUBRICANT

Provides a cost effective means of producing a high quality finish in a multitude of applications such as: Drilling - Tapping - Reaming - Abrasive Belts - Files - Deburring Tools - Grinding Wheels - Chisels - Band, Circular and Hand Saw Blades. Boelube® Solids improve tool life by reducing heat build-up in belt, disc or wheel grinding operations. Apply the push-up tube to the tool before start up. Individual Boelube Blocks are ideal for grinding operations.
1.6 oz Push Tube P/N 09-01731 \$4.55

BOELUBE® HIGH EFFICIENCY MACHINING LIQUID LUBRICANT



Boelube® 70104 / 70106 are a series of proprietary liquid lubricants developed through Boeing manufacturing operations and lubricant experience. In the near dry machining process, Boelube® Liquid can be delivered as fine droplets or spray through one or more nozzles positioned accordingly around the cutting tool. Delivering the Boelube liquid as fine droplets to the cutting edge is necessary in order to reduce friction between the chip, tool, and workpiece, and prevent chips from adhering to the tool cutting edge. Does not contain Silicone, Sulfur, Halogens (such as Chlorine), Phosphorus, Paraffin Wax, Petroleum or Heavy Metals.

4 oz Bottle P/N 09-01734 \$10.50
Gallon P/N 09-01733 \$157.75



BOELUBE® 70104 HIGH EFFICIENCY MACHINING LUBRICANT

The HHL 70104 is designed to accommodate tools up to 1/4 inch in diameter. It is not unusual to drill a substantial number of holes before having to re-lubricate the drill. Being only 3 inches tall and 1 1/4 inches in diameter, the HHL easily fits in a pocket or tool box. Non-toxic, non-irritating, environmentally safe synthetic lubricant manufactured from personal care ingredients that is effective for machining many types of materials. Greatly reduces friction minimizing heat generation and subsequently the need to remove heat. Most effective when applied sparingly. Non-corrosive, non-flammable, chemically stable, and free of Halogens, Silicone, Petroleum, Paraffin Wax, Sulfur, Phosphorus and Heavy Metals whether added or present in any of its ingredients.
P/N 09-01732 \$11.50

BOELUBE® BL70307L MEDIUM PASTE



Boelube® Pastes provide excellent lubricity and are extremely cost effective in single point work such as Tapping, Drilling and Reaming. A small amount of Paste applied to the tool is all that is required to obtain a high quality finish and extended tool life with little or no clean-up required. Brush it on or dip tool in paste.

Boelube® pastes are also ideal for Forming and Bending as well as in Drop Hammer, Verson Press and Spin Forming applications. Boelube® Pastes provide closer tolerance parts and extended diaphragm and die life. We furnish 70307 medium (blue) paste.
4 oz Jar P/N 09-01735 \$10.50



PERMATEX ANTI-SEIZE LUBRICANT

Prevents galling, seizing and corrosion of metal parts from 65°F to 2000°F. Acts as a low speed lubricant and maintains a corrosion-resistant coating at high temperatures. Makes aluminum and stainless steel joints disassemble quickly, easily. Excellent lubricant for press fit assembly. Works on industrial engine parts, boilers, outdoor motors, cables and internal combustion engines. Conforms to MIL-A-907D. Improves reliability at high temperatures. Saves time, labor.

1 oz. tube P/N 09-28410 \$4.75

MICROLON PRECISION OILER

This oiler has the famous Microlon resin suspended in a lightweight oil to lubricate, penetrate and prevent rust. It is excellent for lubricating bearings, threaded parts, hinges, pocket knives, chains, rollers, fishing gear, chain saws, guns, garage doors.....just about anywhere that friction causes noise and resistance. Furnished in a handy pen size oiler with a pocket clip.

.25 Fluid Ounces P/N 09-00756 \$6.95



LOCTITE QUICKSTIX SILVER GRADE ANTI-SEIZE STICK

The Silver Anti-Seize Stick is a heavy-duty, temperature resistant, petroleum-based lubricant compound fortified with graphite and metallic flake. Will not evaporate or harden in extreme cold or heat. Use during assembly to prevent seizing, galling and corrosion. For use in assemblies up to 1600°F (871°C). Great for removal of spark plugs, cylinder head and exhaust head bolts.

P/N 09-05708 \$8.97



LOCTITE BLACK HIGH PERFORMANCE RTV SILICONE GASKET MAKER

Loctite® 598™ Black High Performance RTV Silicone Gasket Maker retains high flexibility and oil resistance for longer gasket life. Temperature range is -75°F to 625°F (-59°C to 329°C) intermittent. Low odor, non-corrosive. Resistant to most chemicals and solvents. Fills gaps to 0.25" P/N 09-03532 \$18.50

LOCTITE QUICKSTIX C5-A COPPER ANTI-SEIZE



Loctite® QuickStix™ C5-A® Copper Grade Anti-Seize Stick provides a shield against high temperature seizing and galling. All mated parts, studs, bolts, flanges and gaskets, remove more easily and in cleaner and better condition. This product can be used on copper, brass, cast iron, steel, all alloys including stainless steel, all plastics and all non-metallic gasketing materials. Protects metal parts to 1800°F. Prevents rust, corrosion, seizing; eases disassembly. Fine or coarse threads.

P/N 09-03533 \$9.65



LOCTITE® 640™ RETAINING COMPOUND PRESS FIT

Loctite® 640® Retaining Compound is a low viscosity, high strength acrylic adhesive designed for bonding cylindrical fitting parts. It prevents loosening and leakage from shock and vibration. This product complies to MIL-R-46082.

Applications: • A medium viscosity retaining compound that resists temperatures up to 400°F • Applicable to most metals • Multi-Purpose Compound • Shear Strength : 3000 PSI

P/N 09-05718 \$54.95



SLICK AIR LOW DRAG COATING



It's not a wax and it's not a polish, it is a coating which was specifically designed to reduce air drag. It is a revolutionary coating that has a non-reactive inert surface that is very slippery. It reduces air drag because it has a very low surface energy which allows the air molecules to slip at the surface. This partial slip condition increases the air velocity at the surface. In a typical boundary layer profile the air velocity at the surface is zero and increases exponentially until, at the outer edge of the boundary layer, it is the same as the free-stream velocity. The shape and magnitude of the boundary layer's velocity profile determines the momentum loss, which corresponds to the drag. The higher the velocity near the surface, the lower the air drag. It is as easy to apply as any liquid car wax but with much less elbow grease required. It is like having three products in one. A cleaner to remove tar, tree sap, stains and pollutants, a micro fine leveling agent to level and remove fine scratches and blemishes on clear coats and dead paint on single stage finishes.

P/N 09-03754 \$39.70