A BOEING DEVELOPED LUBRICANT

BOELUBE SOLID

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The Orelube Corporation holds an exclusive worldwide license from Boeing Management Company to manufacture and market the BOELUBE® series of lubricants.
Historically, the metalworking industry has used metalworking fluids by flood application in machining operations. But because the costs associated with use, management, and disposal of flood coolants has risen over the years, in part due to increasing federal, state, and local regulations aimed at worker safety and fluid disposal, there has been a growing trend to utilize methods requiring less metalworking fluid to reduce cost, protect the environment, and improve and protect worker health, without sacrificing productivity and quality.

A metalworking lubricant should impart sufficient lubricity between the tool and the workpiece to cause a significant reduction in friction to occur. BOELUBE® is a technologically advanced lubricant that significantly reduces friction (one of the major elements in generating heat during the material removal process).

In near dry machining the goal is high efficiency, which is achieved as a result of using a minimal quantity of lubricant. Because minimal quantities are used and consumed for the most part in the machining process, BOELUBE® Solids produce near dry workpieces and chips with little or no clean-up or related costs and no disposal costs.

BOELUBE® Solids come in a variety of shapes and sizes to accommodate ease of application in drilling, tapping, reaming, abrasive belts, deburring, grinding wheels, band, circular and hand saw blades.

Typically the BOELUBE solid is applied to the tool before start-up. In a block or tube form, it can hand held and a drill bit can be touched to the solid before drilling or the solid may be swiped across the surface to be drilled. Only a minimal amount is required when drilling through thin material.

BOELUBE® Solids are extremely cost effective in single point work such as drilling and reaming.

Drilling is one of the most widely used machining processes to produce circular holes in metallic and nonmetallic materials. A drill is a rotary end-cutting tool, with the most common type being the twist drill. The drill, attached to either a stationary machine or hand held, is used to originate or enlarge a hole in a solid material.