



Product Bulletin

Aerokut 3000

Aerokut 3000 is a heavy duty emulsifiable oil type coolant designed for a large variety of operations including cutting, grinding, broaching, tapping, drawing and stamping. Aerokut 3000 is fortified with chlorinated and sulfurized extreme pressure additives to give good finish properties and long tool life in the most demanding operations. These properties along with superior rust protection and emulsion stability provide for trouble free machining.

Features and Benefits

- Excellent emulsion stability for long sump life
- Contains a biocide to minimize odors
- Mild pH reduces risk to workers
- Excellent rust protection of freshly machined parts
- Low foaming tendency and good detergency keep machines clean

Typical Properties

Appearance	Dark Violet liquid
Bulk Density	7.8 lbs/gal
Solubility	Stable emulsion at concentrations ranging from 2 to 25 % by volume
Flash Point	>300 °F
Viscosity	240-255 SUS @ 100°F
pH (as used @ 5%)	8.8 - 9.0

Application Procedure

Aerokut 3000 is used at concentrations ranging from 3 to 20 % by volume (33:1 to 4:1) depending on the degree of lubrication necessary. Use at concentrations of 20 to 50 % in water for drawing and stamping. Dilutions should be prepared by adding product to water (not water to product) with mixing. The concentration of Aerokut 3000 can be determined by refractometer or acid split.

Consult Material Safety Data Sheet for a full description of proper handling procedures.