GENERAL CHEMICAL CORP.

GenKool 3920

Unique Multipurpose Lubricant Compound

TYPICAL PROPERTIES

Appearance: Amber liquid
Odor: Petroleum stench
Weight per Gallon: 9.08 lbs/gal
Specific Gravity @ 60*F (ASTM D-1298): .05-1.10
Flash Point *F (ASTM D-95): 445*F
Copper Corrosion (ASTM D-130): 4A

Description

GENKOOL 3920 is heavy-duty soluble oil engineered for machining and stamping difficult to form and machine ferrous metals including high alloy low carbon ferrous alloys, stainless steel, high silica aluminum alloys. GenKool 3920 provides exceptional lubricity, which permits increased feed, speed, and press rates, improved surface finishes, and greater dimensional accuracy. GenKool 3920 contains a unique biocide package, which results in increased sump life and odor free operation. Residual films of GenKool 3920 provide in plant-in process protection for ferrous and aluminum alloys.

Recommended Application

1. **Machining Operations Dilution in Water**
   Drilling, cutting milling - 5% Tapping, thread cutting - 7% Roll tapping, broaching - 10%

2. **Stamping and Drawing Dilution in Water**
   Light duty - 10 to 20% Medium duty - 20 to 35% Heavy duty - 35 to 75%

Benefits

- Excellent lubricity - Increases tool life
- Bio-stable - Long use life, odor free
- Non-corrosive to aluminum - Eliminates cleaning operations
- Environmentally Friendly - Waste disposal does not require special reagents
- Multipurpose lubricant compound - Replaces many single use lubricants, reduces inventories of lubricants

Health & Safety

Refer to SDS for complete health and safety information.

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