



## Technical Data Sheet

### METALWORKING FLUID "GMA-32"

#### GENERAL METALWORKING FLUID

##### Product Description

Metalworking Fluid "GMA-32" is formulated for a wide variety of cutting operations where machining requirements range from light to moderately severe on free machining steels and moderate machining operations on intermediate and non-ferrous metals and alloys. The product can be used as a hydraulic oil in metalworking systems operating with functioning hydraulic mechanics. The non-chlorinated product is light colored with low odor and anti-misting characteristics. It is formulated with chemical compounds necessary for efficient cutting on a variety of work materials. Metalworking Fluid "GMA-32" imparts corrosion/rust protection to both the working part and machine thereby contributing to better part/piece finish.

##### Typical Properties

Property	ISO 32
Viscosity, cSt @ 40°C	36
Viscosity, cSt @ 100°F	5.8
Sulfur	Present
Chlorine	None
Phosphorus	Present
Flash Point, COC (°F/°C)	420/216
Specific Gravity, 60°/60°F	0.8816
Gravity, API @ 60°F	29.0
Density, lbs/gal	7.341

\*The values shown are typical of current production. Some are controlled in the manufacturing process while others are not. All of them may vary within tolerable ranges.