

# AQUAGLIDE™ 250

## Semi-Synthetic, Micro-Emulsion Metalworking Fluid

### Description

**Aquaglide™ 250** is a petroleum free, micro-emulsion metalworking fluid designed to deliver excellent performance in various machining and grinding operations on a wide range of metals, as well as across a wide range of water qualities. It is particularly well suited to operations involving aluminum parts.

**Aquaglide™ 250** offers a leading edge technology that provides extremely clean operating conditions, excellent tool life and operator acceptance. This product contains a mild pH level that makes it compatible with most non-ferrous metals, and low foaming properties that minimize the need for and cost of tank side adds.

### Refractive Index

Concentration Percent	Dilution Ratio	Refractometer Reading
3%	33:1	1.5
4%	25:1	2.0
5%	20:1	2.5
6%	16:1	3.0
7%	14:1	3.5
8%	12:1	4.0
9%	11:1	4.5
10%	10:1	5

### Application Information

Application Type	Concentration
Light to Moderate Duty	4 - 6%
Heavy Duty Machining	6 - 8%
Grinding	3 - 5%
Centerless Grinding	4 - 8%
<i>Consult your U.S. Lubricants Specialist for application specific recommendations</i>	

### Features/Benefits

- ✓ **Suitable for use with ferrous and non-ferrous (yellow) metals and especially effective in use with aluminum parts**  
Highly versatile, multi-metal application simplifies operations and inventory management.
- ✓ **100% Soluble Concentrate**  
Easy to use, mix and maintain
- ✓ **Highly tollerant of wide variations in water types**  
Consistently excellent performance across broad range of water pH and hardness makes it easy to use and maintain
- ✓ **Low Foaming**  
Reduces the need for and cost of tank side additives
- ✓ **Clean Running**  
Reduces oily residue and prevents build up
- ✓ **Biostable**  
Reduces potential of biological activity

### Typical Properties

Property	Results
Appearance	Amber Color
Specific Gravity	1.01
pH (5% in water)	8.4