



# AQUAGLIDE™ 421

## General Purpose Soluble Oil Metalworking Coolant

### Description

**Aquaglide™ 421** is a medium-duty water-soluble coolant designed for use on ferrous and non-ferrous metals. It is effective for in lapping, grinding, sawing, tapping, milling, and drilling.

**Aquaglide™ 421** is low foaming to prevent sump over flow and pump cavitation.

**Aquaglide™ 421** provides good interim protection on parts and equipment and is very operator friendly eliminating skin irritation concerns.

### Features/Benefits

- ✓ **In Process RP**
- ✓ **Exceptional Biological Resistance**
- ✓ **Low Foaming**
- ✓ **Good Operator Acceptance.**
- ✓ **Versatile Fluid**  
Can be used in lapping, grinding, sawing, tapping, milling, and drilling.

### Refractive Index

Concentration Percent	Dilution Ratio	Refractometer Reading
4%	25:1	4.4
5%	20:1	5.5
6%	16:1	6.6
7%	14:1	7.7
8%	12:1	8.8
9%	11:1	9.9
10%	10:1	11.0

### Typical Properties

Property	Results
Appearance (Mixed)	Amber (Milky Emulsion)
Odor	Low
pH (@5%)	8.6
Chlorine	None
Sulfur	None

### Application Information

Application Type	Concentration
General Machining	6 – 10%
<i>Consult with your U.S. Lubricants Specialist for application-specific recommendations</i>	