

AQUAGLIDE® 421

General Purpose Soluble Oil Metalworking Coolant

Rev. 1/2024

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 overflow 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

Application Information

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

Typical Properties

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