

# AQUAGLIDE® 566

Heavy-Duty Semi-Synthetic General Purpose Metalworking Coolant

Rev. 1/2024

## Description

**Aquaglide® 566** is a premium quality high oil semi-synthetic cutting and grinding coolant designed to be used on ferrous and non-ferrous metals.

**Aquaglide® 566** is heavily fortified with EP (extreme pressure) and lubricity additives to extend tool life and aid in fine surface requirements.

**Aquaglide® 566** can be used for grinding tapping, milling, drilling, slotting, etc. In addition, its low foaming properties prevent pump cavitation and aid in filtration.

**Aquaglide® 566** contains an exceptional biocide package that resists biological attack under even the most severe conditions.



## Features/Benefits

- **In Process RP**  
Provides excellent interim protection on parts and equipment
- **Exceptional Sump Life**  
Longevity of service reduces fluid costs as well as waste costs.
- **Good Operator Acceptance**  
Low skin irritation occurrence
- **Clean Running**  
Residue can be removed with Alkaline Cleaner
- **Versatile**  
Use across many application and substrates

## Refractive Index

Concentration Percent	Dilution Ratio	Refractometer Reading
4%	25:1	3.0
5%	20:1	3.8
6%	16:1	4.6
7%	14:1	5.3
8%	12:1	6.1
9%	11:1	6.8
10%	10:1	7.6

## Application Information

Application Type	Concentration
General Machining	4-6%
Heavy duty Machining	6-10%
Grinding	3-4%
<i>Consult with your U.S. Lubricants Specialist for application-specific recommendations</i>	

## Typical Properties

Property	Results
Appearance	Yellow
Appearance of 5% Dilution	Pale Yellow Solution
Odor	Low
pH (@5%)	9.5
Chlorine	Yes
Sulfur	No