

# AQUAGLIDE® 580

## Heavy Duty Semi Synthetic Metalworking Coolant



### Description

**Aquaglide® 580** is a non-chlorinated, high oil content, semi-synthetic coolant for heavy duty operations on ferrous and non-ferrous metals. The high oil content, when combined with effective EP additives, allows for the **Aquaglide™ 580** to outperform other industry leading coolants.

**Aquaglide® 580** can be used in various applications including tapping, reaming, deep-hole drilling other difficult metal removal operations. Its low foaming properties prevent pump cavitation and aid in filtration.

**Aquaglide® 580** contains an exceptional biocide package that resists biological attack under severe conditions, and it provides excellent interim protection on parts and equipment.

Refractive Index		
Concentration Percent	Dilution Ratio	Refractometer Reading
4%	25:1	4
5%	20:1	5
6%	16:1	6
7%	14:1	7
8%	12:1	8
9%	11:1	9
10%	10:1	10

Application Information	
Application Type	Concentration
General Machining	5 – 7%
Heavy Duty Machining	8 - 10%
<i>Consult with your U.S. Lubricants Specialist for application-specific recommendations</i>	

### Features/Benefits

- Versatile**  
Designed for ferrous and non-ferrous metals especially:  
Aluminum Alloys  
Carbon Steel  
Alloy Steel  
Stainless Steel
- Excellent In-Process Rust Preventative**
- EP and Lubricity Additives Extend Tool Life and Improve Surface Finish**
- Long Sump Life**  
Designed for extended service life when concentrations are kept >5%
- Hard Water Stable**
- Non-Staining to Aluminum Alloys**
- Free of Nitrites, Borates, and Formaldehyde release agents**