

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 out perform 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.

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**

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>	