

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> | |