



AQUAGLIDE™ 563

High Performance Semi Synthetic Metalworking Coolant

Description

Aquaglide™ 563 is a premium quality, chlorine free semi-synthetic machining coolant. It is designed for heavy duty applications on both ferrous and non-ferrous metals.

Aquaglide™ 563 is fortified with EP and lubricity additives to extend tool life and aid in fine surface requirements.

Aquaglide™ 563 contains exceptional biocide packages that eliminate bacteria & fungus growth and the rotten egg smell associated with bacteria growth.

Aquaglide™ 563 provides good interim protection on parts and equipment and is very operator friendly eliminating skin irritation concerns.

Features/Benefits

- ✓ **Versatile**
Suitable for use on steel and non-ferrous (yellow) metals
- ✓ **In Process RP**
- ✓ **No Monday Morning Odor**
- ✓ **Good Operator Acceptance**
Low skin irritation occurrence
- ✓ **Clean Running**
Residue can be removed with Alkaline Cleaner
- ✓ **Low Foaming**
- ✓ **Recommended Applications**
Grinding, tapping, milling, drilling, slotting, and more.

Refractive Index

| Concentration Percent | Dilution Ratio | Refractometer Reading |
|-----------------------|----------------|-----------------------|
| 4% | 25:1 | 2.9 |
| 5% | 20:1 | 3.6 |
| 6% | 16:1 | 4.3 |
| 7% | 14:1 | 5.0 |
| 8% | 12:1 | 5.8 |
| 9% | 11:1 | 6.5 |
| 10% | 10:1 | 7.2 |

Application Information

| Application Type | Concentration |
|----------------------|---------------|
| General Machining | 5 – 7% |
| Heavy Duty Machining | 7 – 9% |
| Grinding | 4 – 5% |

Consult with your U.S. Lubricants Specialist for application-specific recommendations

Typical Properties

| Property | Results |
|----------------------|----------------------|
| Appearance | Green/Blue |
| Appearance (Diluted) | Light Green Solution |
| Solubility in water | Complete |
| pH (@5%) | 9.3 |
| Odor | Low |