

AQUAGLIDE® 563

High Performance Semi Synthetic Metalworking Coolant

Rev. 1/2024

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%
<i>Consult with your U.S. Lubricants Specialist for application-specific recommendations</i>	

Typical Properties

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