



AQUAGLIDE™ 110

Premium Water Dilutable, Biostable EP Metal Working Fluid

Description

Aquaglide™ 110 is a premium water dilutable metal working fluid that is formulated to produce a heavy duty, biostable machining and grinding fluid. The unique biostable blend includes Extreme Pressure (EP) additives, emulsifiers and preservatives combine to form a coolant that offers customers single fluid for most shop operations and materials.

Aquaglide™ 110 requires less maintenance and lasts longer than comparable competing products, and is an excellent choice for use on all steels and non-ferrous alloys, including most aluminum grades.

Refractive Index

Concentration Percent	Dilution Ratio	Refractometer Reading
3%	33:1	3
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	6 – 8%
Grinding	4 – 5%
<i>Consult with your U.S. Lubricants Specialist for application-specific recommendations</i>	

Features/Benefits

- ✓ **Versatile**
Suitable for use on ferrous and non-ferrous (yellow) metals
- ✓ **Biostable**
Resists bacterial growth, prevents rancidity and helps extend coolant sump life (with proper concentration maintenance)
- ✓ **Tramp Oil Rejecting**
Allows for easy skimming of tramp oils to help extend coolant life
- ✓ **Enhanced Foam Control**
Designed for use in individual systems, lasts longer and requires less maintenance than comparably priced products
- ✓ **Clean Running**
Reduces oily residue and prevents build up
- ✓ **Hard Water Stable**
Does not require use of processed water (although recommended for the longest possible fluid life). Also suitable for soft water situations

Typical Properties

Property	Results
Appearance	Amber Color
Solubility in water	Complete
pH	9.0 – 9.5
Odor	Petroleum