



AQUAGLIDE™ 212

Premium Semi-Synthetic Metal Working Fluid

Description

Aquaglide™ 212 semi-synthetic coolant is a premium water-based machining and grinding concentrate designed for use with both ferrous and non-ferrous metals. **Aquaglide™ 212** is particularly effective on aluminum and other non-ferrous metals.

Aquaglide™ 212 is a specialty blend of water soluble corrosion inhibitors, lubricity agents and emulsifiers including a unique anti-foam and biocide package to deliver strong product integrity and resistance to rancidity.

Refractive Index

Concentration Percent	Dilution Ratio	Refractometer Reading
3%	33:1	1.6
4%	25:1	2.1
5%	20:1	2.6
6%	16:1	3.2
7%	14:1	3.9
8%	12:1	4.4
9%	11:1	5
10%	10:1	5.5

Application Information

Application Type	Concentration
Light to Moderate Duty	4 – 6%
Heavy Duty Machining	5 – 7%
Grinding	3.5 – 6%
Centerless Grinding	6 – 8%

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

Features/Benefits

- ✓ **Versatile**
Suitable for use on ferrous and non-ferrous (yellow) metals. Especially effective for use with aluminum
- ✓ **100% Soluble Concentrate**
Provides ease of mixing and product maintenance
- ✓ **EP and AW Agents**
Provides excellent tool life
- ✓ **Stable Emulsifiers**
Offers strong product integrity characteristics
- ✓ **Clean Running Fluid**
Reduces oily residue and prevents build up
- ✓ **Hard Water Stable**
Does not require the use of processed water

Typical Properties

Property	Results
Appearance	Pale Liquid
Specific Gravity	1.01
Pounds/gallon	8.24
pH (Neat)	9.0 – 9.4
pH (5% in water)	8.7 – 9.0