



AQUAGLIDE™ 224

Heavy Duty, Long Life Micro-Emulsion Metal Working Fluid

Description

Aquaglide™ 224 provides metal working operations with some of the most advanced technologies available to the market. **Aquaglide™ 224** provides excellent performance on the most exotic aerospace alloys including Cast Aluminum, Inconel, Low Nickel alloys and Titanium.

The EP additives in **AquaGlide™ 224** is operator friendly by eliminating "Monday Morning Odor", is stable in varied water types and rejects tramp oil well. **AquaGlide™ 224** has a mild scent, is low misting, and runs very clean.

Refractive Index

Concentration Percent	Dilution Ratio	Refractometer Reading
4%	25:1	2.4
5%	20:1	3
6%	16:1	3.6
7%	14:1	4.2
8%	12:1	4.8
9%	11:1	5.4
10%	10:1	6
11%	9:1	6.6

Application Information

Application Type	Concentration
General Machining	6-8%
Heavy Duty Machining	9-12%
Grinding	4 – 6%
<i>Consult with your U.S. Lubricants Specialist for application specific recommendations</i>	

Features/Benefits

- ✓ **Versatile**
Sulfur EP formulation suitable for use on cast iron, high carbon steel and high silicon aluminum
- ✓ **Bio-stable**
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
- ✓ **Long Sump Life**
Suitable for both central and individual systems
- ✓ **Clean Running Fluid**
Reduces oily residue and prevents build up
- ✓ **Hard Water Stable**
Suitable for broad range of water quality
- ✓ **Low Foaming**
Low carry out on chips and parts and requires minimal reliance on tank side anti-foams

Typical Properties

Property	Results
Appearance	Amber Color
Specific Gravity	1.02
pH @ 5% dilution	9.2
Odor	Mild amine