

Aquaglide 540 Max Blue

METALWORKING FLUID



Description

Aquaglide 540 Max Blue is a water extendable, oil rejecting, polyalkylene glycol based synthetic cutting and grinding fluid formulated to perform exceptionally well in a variety of machine operations. When diluted with water, the produce exhibits excellent cooling properties for superior finishes and increased tool life. Aquaglide 540 Max Blue is recommended for use in operations involving the most difficult to machine alloys including stainless, titanium and high nickel steels.

Typical Physical Characteristics

Weight, (lbs./gal.)	8.74
Specific Gravity, 60/60F	1.05
Flash Point, COC F	None
pH, Fresh, 1:20 (5%) Dilution	9.8
Color, Appearance Dilution	Opaque/Blue-Green
Color, Concentrate	Available undyed & Blue-Green

Features / Benefits

- Provides excellent cooling properties and extreme pressure lubricity combine to provide extended tool life
- Remains transparent and features good settling properties for ease of contaminant removal and residue on machine
- Prevents in-process corrosion of work pieces and machine tool parts
- More tolerant of hard water, tramp oils and has a high resistance to microbial
- Low foaming and high operator acceptance

Recommended Starting Dilutions

Machining – Drilling, Turning, Milling, Tapping, Boring, and Reaming	1:25 (4%) to 1:10 (10%)
Sawing/Grinding – Centerless, Surface, Cylindrical, Internal	1:33 (3%) to 1:14 (7%)

Concentration	1:33	1:25	1:20	1:17	1:14	1:12	1:11	1:10
Percentage	3	4	5	6	7	8	9	10
Refractometer Reading (Brix Scale)	1.2	1.6	2.0	2.4	2.8	3.2	3.6	4.0

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