

Aquaglide 633 Max

METALWORKING FLUID



Description

Aquaglide 663 Max is water extendable, oil rejecting, polyalkylene glycol based synthetic cutting, sawing and grinding fluid formulated to perform exceptionally in a variety of machine operations. When diluted with water, the product exhibits excellent cooling properties for superior finishes and increased tool life. Aquaglide 633 is recommended for use when sawing and grinding ferrous metals and cutting applications where machinability requirements range from mild to moderately severe.

Typical Physical Characteristics

Specific Gravity, 60/60F	1.05
Flash Point, COC F	None
pH, Fresh, 1:20 (5%) Dilution	9.8
Color, Concentrate	Blue/Green/Red/Available Undyed

Features / Benefits

- 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 rancidity
- Low foaming

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)	1.0	1.4	1.8	2.2	2.5	2.8	3.2	3.6

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