COMPLETE ENGINE HEALTH®

Aquaglide MGS8 Max

CUTTING AND GRINDING FLUID

Description

Aquaglide MGS8 Max forms a near-transparent micro-emulsion that exhibits excellent cooling properties for superior finishes and increased tool life. Aquaglide MGS8 is recommended for use in operations involving the most difficult to machine alloys including stainless, titanium and high nickel steels. Maxus GS.8 is formulated free of chlorinated extreme pressure components as well as active sulfur.

Typical Physical Characteristics	
Weight, (lbs./gal.)	8.6
Specific Gravity, 60/60F	1.03
Flash Point, COC F	None
pH, Fresh,1:20 (5%) Dilution	9.6-9.8
Color, Appearance Dilution	Translucent
Color, Concentrate	Standard undyed, available in blue and red

Features / Benefits

- Excellent cooling properties and extreme pressure lubricity combine to provide extended tool life
- Prevents in-process corrosion of work pieces and machine tool parts
- Excellent cleanliness; remains translucent; good settling properties provide for ease of contaminant removal; low foaming; non- drying on machine surfaces.

Recommended Starting Dilutions

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

Concentration	1:33	1:25	1:20	1:17	1:12	1:10
Percentage	3	4	5	6	8	10
Refractometer Reading	1.8	2.4	3.0	3.6	4.8	6.0
Brix Scale	Reading x 1.7 = Concentration (%)					

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