



AQUA FORM 583

Water Soluble Forming Fluid

Performance Benefits

- Chlorine and sulfur free- for compliance when these materials may be restricted
- Usable on all metals
- Good rust protection for parts and equipment
- Extended die life
- Clean machine surfaces and parts with a soft, non-tacky film residue

AQUA FORM 583 is a chlorine-free, water-soluble forming fluid designed to replace chlorinated forming compounds. This fluid provides extreme pressure lubrication without the use of sulfurized or chlorinated additives. AQUA FORM 583 clings well to the surface of the parts for effective lubrication throughout the forming process and can be easily removed by washing with mild alkaline cleaners; often, rinsing with warm water is sufficient for removal of residues. AQUA FORM 583 can be used on both ferrous and non-ferrous metals to include stainless steel, high alloy steels, copper, brass, and many exotic aerospace alloys.

Application

AQUA FORM 583 can be applied in a wide range of dilutions ranging from neat to 20:1 depending upon severity of the forming application and materials being formed.

Typical Characteristics

Appearance.....	Clear amber
Appearance of Dilution @ 10%.....	Clear
Odor.....	Very low
pH of dilution @ 10%.....	8.0
Specific Gravity.....	1.09
Density.....	9.06 lbs./gal
Total Alkalinity.....	7.3
Chlorine, Diethanolamine, Formaldehyde Release Biocides, Mercurials, Nitrite, Phenols, Phosphates, Silicones, Sulfur.....	None

Packaging

AQUA FORM 583 (Formerly Q-FORM 583) is packaged in 310-gallon, one-way tote tanks and 55-gallon, non-returnable steel drums. Bulk and 5-gallon pails are also available.



The Next Generation in Metalworking Chemistry