



TRIM[®] TC 220

pH Adjuster

GENERAL DESCRIPTION

TRIM[®] TC 220 is a triazine compound that is very effective in maintaining pH and building reserve alkalinity in metalworking fluid working solutions. Controlling pH within the design range of the product and maintaining an appropriate level of reserve alkalinity are key elements in extending sump life, controlling both liquid and vapor phase corrosion, and controlling the particle size and emulsion stability of soluble oils.

APPLICATION GUIDELINES

- The normal add rate for TC 220 is 0.10% (1,000 ppm) or 1 gallon per 1,000 gallons of working solution. Do not use more than 0.25% (2,500 ppm) without consulting the Master Chemical laboratory.
- As with any product that will raise pH, the possibility of “ammonia blush” or “amine rush” exists. However, the frequency of occurrence with properly used TC 220 is very low.
- The addition of TC 220 will not substantially affect the refractive index of the metalworking fluid working solution. However, it will affect concentration control by alkaline titration.

HEALTH & SAFETY

- See the most recent SDS at 2trim.us/s/?i=1106-en-US-US.



TECHNICAL ASSISTANCE

- For additional product applications information including performance optimization, please contact your Master Chemical Authorized Distributor at 2trim.us/distributors.php, your District Sales Manager, the Tech Line at 1-800-537-3365, or visit our web site at www.masterchemical.com.
- Packaging: North America – 5-gallon pail and 54-gallon drum; Europe/Asia – 20-litre pail and 204-litre drum

PHYSICAL PROPERTIES (TYPICAL DATA)

Form	Liquid	Odor	Slight, amine-like
Color	Amber	Flash Point (concentrate)	225°F (107°C) (COC)
Typical Operating pH (as a range)	9.0-10.0	pH of Concentrate(as a range)	10.2-10.7

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URL: 2trim.us/di/?i=99

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