



TUBEFORM 580

TUBEFORM 580 is a synthetic coolant and lubricant formulated particularly for Tube Mill Operations. **TUBEFORM 580** offers excellent corrosion protection for a wide variety of metals, including galvanized, galvanized, aluminized, aluminum, cold and hot rolled steel and yellow metals. It is operator-friendly and very stable in a wide variety of waters. Having excellent cooling characteristics, **TUBEFORM 580** allows for efficient dissipation of heat generated during the welding phase of tube production. An advanced preservative package ensures long sump life and keeps all tube mill equipment and coolant lines free from accumulation of fungus or mold.

USAGE

TUBEFORM 580 is designed to be used with water at dilutions between 9:1 (10%) and 19:1 (5%). Typically, 13:1 (7%) is recommended as a good starting dilution. For secondary operations, beginning dilutions may vary, depending upon the relative severity of each specific operation.

PHYSICAL CHARACTERISTICS

Density	1.0 g/ml 8.3 lbs/gal
Appearance	Amber Liquid
Odor	Semi-sweet
pH at 19:1 (5%)	Typically 8.8
Refractive Index (freshly diluted)	3.7 @ 9:1 2.6 @ 13:1 1.9 @ 19:1 1.5 @ 24:1
Refractive Index Factor	0.375 x Volume % = Refractive Index

BENEFITS

- **Does Not Contain Chlorine, Sulfur, or Paraffin Wax**
- **Provides Excellent In-Process Corrosion Protection**
- **Resists Attack by Bacteria, Yeast and Fungi**
- **Protects Against White Rust on Galvanized Materials**
- **Has Low Foaming Characteristics**
- **Does Not Form Sticky Deposits on Equipment**
- **Does Not Contain Any Petroleum Oil**
- **Provides Good Tramp Oil Rejection**

TECHNICAL SUPPORT

TOWER wants to assist you in evaluation and selection of suitable products. We urge you to take advantage of this service. This information sheet and **TOWER's** assistance, however, are not a substitute for your own testing and evaluation. 07088