



TUBEFORM 490-TF

TUBEFORM 490-TF is a micro-emulsion formulated especially for Tube Mill systems. Formulated with mineral oil and an excellent corrosion preventive package, **TUBEFORM 490-TF** offers prolonged rust protection for a wide variety of metals. It is operator-friendly and very stable in various types of water. Designed with excellent cooling characteristics, **TUBEFORM 490-TF** allows for the efficient dissipation of heat generated during the welding phase of production. An *advanced* preservative package ensures that all tube mill equipment surfaces and coolant lines remain free from accumulation of fungus and mold.

USAGE

TUBEFORM 490-TF is intended to be used at a starting dilution of 10% (9:1) with water. For secondary operations, beginning dilutions will vary, depending upon the relative severity.

PHYSICAL CHARACTERISTICS

Density	0.99 g/ml 8.3 lbs/gal
Appearance	Hazy Amber Liquid
Odor	Bland
pH (concentrate)	Typically 9.5 to 10.0
Refractive Index	7.4 @ 5:1 4.1 @ 10:1
(freshly diluted)	2.8 @ 15:1 2.0 @ 20:1

BENEFITS

- **Does Not Contain DEA, Chlorine, Nitrites, Phenols, or PCB's**
- **Provides Excellent In-Process Rust Protection**
- **Resists Attack by Bacteria and Fungi**
- **Has Low Foam Characteristics**
- **Will NOT Form Sticky Deposits on Equipment**
- **Is Designed to be Recyclable**

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. 03052/066