



Saf-T-Cool 410

Saf-T-Cool 410 is a high-performance, low oil, universal emulsion designed for tough machining and grinding operations on ferrous and non-ferrous alloys. This unique chemistry will provide unsurpassed tool life and surface finish without the use of chlorine. The product's unique chemistry eliminates typical "Monday morning" foul odor smells without the use of biocides. **Saf-T-Cool 410** has a very tight emulsion that provides exceptional hard water stability, tramp oil rejection, and long fluid life. It is low foaming making it compatible with high pressure coolant systems. **Saf-T-Cool 410** provides excellent corrosion protection for ferrous and non-ferrous metals and machine tools. It constantly rinses the machine as it runs eliminating any sticky residues and leaving a very light oily film on the clean machine surfaces.

USAGE

Starting dilutions for machining operations should be between 5 – 12% and grinding 4 – 6%. Make-up fluid is typically added at half the target concentration. For proper mixing it is recommended that **Saf-T-Cool 410** concentrate be added to water with agitation. Parts made with **Saf-T-Cool 410** can be easily cleaned in an aqueous wash using an alkaline cleaner such as **TOWERKLENE 60-S**.

PHYSICAL CHARACTERISTICS

Density	8.45 lbs/gal
Appearance	Straw colored Liquid
Odor	Bland
pH @ 5%	8.9 – 9.3
Viscosity	725 SUS @ 100° F
Refractive Index Factor	2.2 x RI = Volume %

BENEFITS

- **Non-Hazardous, No Pictograms on The Label**
- **Does Not Contain Chlorine or Phosphates**
- **Low Chance of Skin Irritation Promotes Operator Acceptance**
- **Prolonged Sump Life Without Foul Odors**
- **Tight Emulsion Reduces Carry-off And Lowers Usage**
- **Increases Tool Life Using State of The Art Additives**
- **Excellent Surface Finish Improves Part Quality**
- **Low Misting & Low Foam Characteristics**
- **Machines Run Clean Without Sticky Deposits or Residues**

TECHNICAL SUPPORT

This is a Proprietary product. 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.