



# TOWERKEM 552-CGF

**TOWERKEM 552-CGF** is an excellent, high quality synthetic metalworking fluid. It provides superb lubricity, cooling, and corrosion protection for a variety of operations. **TOWERKEM 552-CGF** is a long life, low foaming coolant for recirculating flood systems. It has excellent filtering characteristics through positive media filters, hydrocyclonic units, magnetic separators, and diatomaceous earth. This long-life chemistry coupled with filtering and tramp oil separation results in a fluid that could last indefinitely. **TOWERKEM 552-CGF** was specifically formulated to eliminate or minimize the leaching of cobalt from carbide. The use of **TOWERKEM 552-CGF** reduces operator risk of cobalt-related dermatitis by preventing cobalt leaching into the coolant. **TOWERKEM 552-CGF** uses our CLEAN FLUID TECHNOLOGY to continuously clean the machine as the coolant circulates.

## USAGE

**TOWERKEM 552-CGF** mixes easily with water to form a pure chemical solution. Recommended starting dilutions are 4% - 6% for grinding, 5% - 10% for machining, 5% - 8% for roll forming and tube mills, and 10% - 20% for metalforming applications. **TOWERKEM 552-CGF** can be used on cemented carbide, carbon steel, cast iron, nodular iron, high alloy steels, high speed steels, and stainless steels.

## PHYSICAL CHARACTERISTICS

Appearance	Yellow Liquid
Odor	Bland
Flash Point	None
Volatile Organic Compounds	None
Silicones	None
Triazine	None
Refractive Index Factor	2.5 x RI = Mix Concentration %

## BENEFITS

- **Does NOT Contain Mineral Oil, Chlorine, or Sulfur**
- **Rejects Tramp Oil Efficiently**
- **Provides Excellent In-Process Rust Protection**
- **Excellent Resistance to Biological Growth**
- **Naturally Low Foaming**
- **Has Excellent Clarity and Cleanliness**
- **Safe to Use on Carbide Tooling or Grinding Cemented Carbide**
- **Provides Extended Sump Life**
- **Has Outstanding Machine Operator Acceptance**

## 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.