



## TOWERKEM 569

**TOWERKEM 569** is an extreme duty cutting and grinding synthetic fluid formulated for use on aerospace aluminum and other high performance alloys. It is all metal safe for use on ferrous metals, stainless steels, and copper alloys. **TOWERKEM 569** will *reject tramp oil completely* and *settle metal fines efficiently*. It is *easily recyclable* in conventional fluid recovery systems. **TOWERKEM 569** is low misting making it suitable for use in high pressure coolant systems. It has excellent rust and metal stain protection. **TOWERKEM 569** uses our *CLEAN FLUID TECHNOLOGY* to continuously clean the machine as the coolant circulates.

### USAGE

**TOWERKEM 569** is effective for numerous operations, including boring, drilling, milling, reaming, tapping, threading, and grinding. It can also be used for broaching, deep hole drilling, gear hobbing, and honing. **TOWERKEM 569** can be used at 5% to 12% dilutions for cutting applications and 4% to 6% dilutions for grinding.

### PHYSICAL CHARACTERISTICS

Density	1.07 g/ml 8.93 lbs/gal
Appearance	Straw Colored Liquid
Odor	Bland
pH (concentrate)	7.6 to 8.0
Refractive Index	6.0 @ 9:1 4.0 @ 14:1 3.0 @ 19:1
Refractive Index Factor	RI x 1.67 = % Concentration

### BENEFITS

- **Superior Aluminum Lubricity**
- **Outstanding Staining & Corrosion Protection**
- **Excellent Tramp Oil Rejection**
- **Minimal Residue Characteristics**
- **Superior Cleanliness on Machine Components**
- **Excellent Biological Resistance**
- **Low Misting Characteristics**
- **Overall Outstanding System Life**

### 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. 17070