



TOWERSOL 345

TOWERSOL 345 is a soluble oil developed for use on many of the most difficult machining and grinding operations. When mixed with water it forms a stable emulsion in both hard and soft water. It has been formulated to provide maximum sump life. The superior EP and lubricity package is designed to provide extended tool life and improved finish.

USAGE

TOWERSOL 345 is recommended for machining and grinding operations on ferrous and nonferrous metals. Starting dilutions are between 10:1 and 20:1 for machining and 20:1 and 30:1 for grinding. To form a long lasting tight emulsion always add **TOWERSOL 345** to water with agitation.

PHYSICAL CHARACTERISTICS

Appearance	Green Liquid
Odor	Sweet
pH @ 10%	8.85
Refractive Index	9.1 @ 10:1 7.7 @ 12:1 6.3 @ 15:1 5.3 @ 18:1
(freshly diluted)	4.8 @ 20:1 3.8 @ 25:1 3.2 @ 30:1 2.4 @ 40:1

BENEFITS

- **Excellent Rancidity Control**
- **Does NOT contain Nitrites, Phenols or PCB's**
- **Good Tramp Oil Rejection**
- **Superior Cooling & Lubricity for Tool & Workpiece**
- **Provides Improved Surface Finishes**
- **Has Excellent Rust Protection for Machine & Parts**
- **Cleans Easily in Low Temperature Aqueous Cleaning Operations**
- **Does NOT Form Sticky Deposits on Equipment**

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. 02345/110