

# CUTTING OIL LO345

## Self Emulsifying Coolant and Metalworking Fluid

**CUTTING OIL LO 345** is a high quality, emulsifiable cutting oil giving good performance in a wide range of operations on more readily machinable steels.

**CUTTING OIL LO 345** has excellent rust resistance at water/oil ratios from 10:1 up to 40:1.

**RECOMMENDED FOR USE ON:** Mild Steel, Low Carbon Steel, Low Alloy Steel, Malleable Cast Iron.

**RECOMMENDED FOR:** Centre Lathe turning, boring, shaping, planing, capstan, gear cutting, hobbing, shaping, drilling, tapping, sawing and milling.

### FEATURES

- Excellent lubricity. This results in effective heat reduction and dissipation during the chip formation process and increased tool life and consistent part quality.
- It can be used as a general purpose coolant allowing high feed and speeds in moderate-duty operations.
- Very good bacterial control which avoids rancid odours and prolongs bath life and reduces expensive and time consuming recharges.
- Minimises the use of additives in central system applications.
- The rust inhibitor package is extremely effective in preventing in process rust on machines and parts.
- It is free rinsing making clean up of machine tools and work easier.

### PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Clear dark brown liquid
Solubility in water	Emulsifies in all proportions
Specific gravity	0.9
Total nitrites (%)	Nil

### USAGE RATES.

Turning, Milling, Drilling, General machining,	1: 20 to 1: 30
Tapping, Screwing	1: 10 to 1: 15
Grinding	1: 40