

# CHEMCUT 9223

## STRAIGHT CUTTING OIL

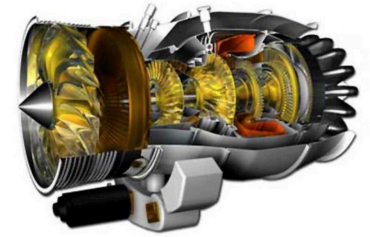
### ▶ PRODUCT DESCRIPTION

**Chemcut 9223** is a straight cutting oil with a unique blend of active extreme pressure additives and passive polar lubrication including sulfur, chlorine, phosphorous, and fatty oils. These additives react with metallic surfaces and give excellent lubrication and anti-weld properties at the chip/tool interface. Chemcut 9223 is recommended for use in a wide range of machining applications from mild to moderately difficult including superabrasive machining and creep feed grinding. Chemcut 9223 can be used on both ferrous and nonferrous metals including steel, stainless steel, nickel-base alloys, nickel-base superalloys, cobalt base alloys, aluminum, magnesium, titanium, and titanium alloys. Can be used on yellow metal without staining. Aerospace approved PMC 9223.

### ▶ FEATURED BENEFITS

- Amber transparent color and low odor properties
- Excellent lubricity and extreme pressure properties
- Chip-to-tool welding minimization
- Improved tool life and finish on parts
- Unique combination of sulfur, chlorine, and phosphorous extreme pressure additives
- Fatty polar lubricant additive for extreme finish and boundary lubrication

### APPLICATION



### PRODUCT APPLICATION / USAGE

Chemcut 9223 is a low viscosity cutting oil particularly suited for deep hole drilling, grinding, honing, and other operations where a low viscosity cutting oil is preferred. Chemcut 9223 can be used on steels with machinability ratings down to 50%.

### TYPICAL PROPERTIES

Fluid Type	Straight Oil
Appearance	Clear, dark amber liquid
Odor	Mild fatty, bland
Pounds per Gallon	7.56
Flash Point	350°F (177°C)
Specific Gravity, 77°F (25°C)	0.873
Chlorine, weight	5.5%
Sulfur, weight	2.4%
Active Sulfur	0.1%
Phosphorus	0.2%
Fatty Oil	9.0
Viscosity, 40°C	25 cSt
Viscosity, 100°F	125 SUS

### PRODUCT CODE

25066P0000

### HEALTH AND SAFETY

For health and safety guidance, please refer to the Chemtool SDS (Safety Data Sheets).