

# CT 100 P

## CUTTING AND GRINDING OIL - NON-CHLORINATED

### ▶ PRODUCT DESCRIPTION

**CT 100 P** is a high performance, non-chlorinated cutting and grinding oil for light to moderate duty machining of ferrous and non-ferrous metals. CT 100 P is formulated using a highly refined paraffinic oil to give good oxidation, and thermal, stability.

### ▶ FEATURED BENEFITS

- Low viscosity provides good heat transfer to protect against part distortion from heat buildup, as well as, reduced product loss from carryout
- Contains non-chlorinated additive package to maximize cutting and grinding performance
- Light color for good piece part visibility
- Low odor for good operator acceptance
- Low misting for reduced product loss, as well as, improved lubricity
- Non-staining to ferrous and non-ferrous metals
- Easy to remove/clean

### ▶ APPROVALS

- Ford TOX 164131 Certified
- GM C-23305
- Super-compliant for California SCAQMD Rule 1144

### APPLICATION



#### COMPATIBLE METALS

Carbon Steel  
Tool Steel  
Ferrous

#### MACHINING CAPABILITIES

Light Machining  
Light Grinding

#### FOAMING CHARACTERISTICS

Low

#### FILM TYPE

Oily

#### RUST PROTECTION

None





## TYPICAL PROPERTIES

Fluid Type	Straight oil
Appearance	Clear amber liquid
Odor	Low odor (oily)
Weight, 60°F (15.6°C)	7.24 lbs/gal.
Specific Gravity, 60°F (15.6°C)	0.87
Viscosity, 100°F	90 SUS
Flash Point, COC	400°F (204°C)
Sulfur	Present
Ester Content, Weight	0.9%
Copper Corrosion, 3 hours, 212°F (100°C)	1B
VOC, ASTM E 1868	0.9 grams/liter

## PRODUCT APPLICATION / USAGE

CT 100 P is specially designed for use as a grinding and machining fluid for medium and high carbon alloy steels.

## PRODUCT CODE

7400100000

## HEALTH AND SAFETY

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