

# CT 220 NC

STRAIGHT OIL CUTTING / FORGING / DRAWING - NON-CHLORINATED

## ▶ PRODUCT DESCRIPTION

**PCT 220 NC** is a high performance, heavy duty, all purpose, non-chlorinated machining oil. CT 220 NC is ideal for moderate to heavy duty cutting, grinding, threading, broaching, forging and drawing of all ferrous metals. The CT 220 NC contains a balanced blend of highly refined mineral oils, extreme pressure additives, and polar boundary lubrication to maximize the machining performance.

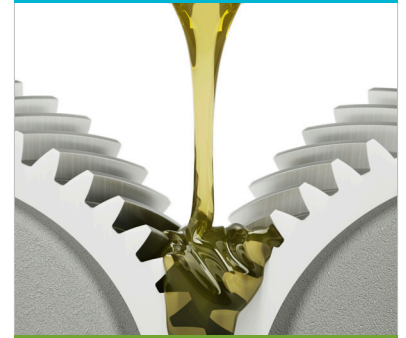
## ▶ FEATURED BENEFITS

- Non-chlorinated additive package maximizes machining performance in severe applications
- Extends tool life
- Good surface finish
- Medium viscosity to reduce product loss from carryout
- Easy to remove/clean
- Recyclable

## ▶ APPROVALS

- Compliant for California SCAQMD Rule 1144

## APPLICATION



### COMPATIBLE METALS

Cast Iron  
Carbon Steel  
Tool Steel

### MACHINING CAPABILITIES

Moderate to Heavy-Duty Machining  
Threading  
Tapping  
Turning  
Facing

### FOAMING CHARACTERISTICS

Moderate

### FILM TYPE

Oily

### RUST PROTECTION

1-2 weeks corrosion protection indoors.





## TYPICAL PROPERTIES

Fluid Type	Straight oil, moderate alkaline cleaner
Appearance	Clear amber liquid
Odor	Slight Sulphur
Weight, 77°F (25°C)	7.65 lbs/gal.
Specific Gravity, 77°F (25°C)	0.880
Viscosity, 100°F	220 SUS
Viscosity, 40°C	44 cSt
Flash Point, COC	350°F (177°C)
Sulfur	Present
Fat Ester	7.5%
Phosphorus	Present
Copper Strip Corrosion	4b
VOC, ASTM E 1868	57.2 grams/liter

## PRODUCT APPLICATION / USAGE

CT 220 NC is recommended for moderate to heavy duty machining, cutting, forging, and drawing of steels and cast iron. The high level of Sulfur EP and lubricity additives yield excellent performance in threading, tapping, and broaching of steels.

## PRODUCT CODE

2544100000

## HEALTH AND SAFETY

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