

CT 220 NC

NON-CHLORINATED STRAIGHT OIL CUTTING / FORGING / DRAWING

▶ 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

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, lb/gal., 77°F (25°C)	7.65
Specific Gravity, 77°F (25°C)	0.880
Viscosity, 100°F (38°C)	220 SUS
Viscosity, 104°F (40°C)	44 Cst
Flash Point, COC	350°F (177°C)
Sulfur	Present
Fat Ester	7.5%
Phosphorus	Present
Copper Strip Corrosion	4b

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).