

# CT 8052 HS

## CUTTING OIL

### ▶ PRODUCT DESCRIPTION

**CT 8052 HS** is a high performance, non-chlorinated cutting oil. CT 8052 HS has a noncorrosive high performance EP and lubricity package to provide machining capability on a multitude of metals. The use of the CT 8052 HS as both the cutting oil and lube oil assures excellent machinability and eliminates additive dilution on the cutting side.

### ▶ FEATURED BENEFITS

- Provides one product for the operation of the machine shop
- High performance EP package provides excellent performance on a variety of metals
- A chlorine free cutting oil
- Will not stain non-ferrous materials
- Can be used for machining as well as grinding
- Contains an anti-mist additive for cleaner work environment
- Low odor and transparent appearance provide good operator acceptance

### APPLICATION



#### COMPATIBLE METALS

Carbon Steel  
Tool Steel  
Stainless Steel  
Aluminum Alloys  
Copper Alloys

#### MACHINING CAPABILITIES

Free machining  
Turning  
Threading  
Tapping  
Broaching  
Grinding  
Gun Drilling

#### FOAMING CHARACTERISTICS

Moderate

#### FILM TYPE

Oily

#### RUST PROTECTION

None





## TYPICAL PROPERTIES

Fluid Type	Straight oil
Appearance	Light amber liquid
Odor	Mild petroleum
Weight, 60°F (15.6°C)	7.2 lbs/gal.
Viscosity, 100°F (38°C)	80 SUS
Viscosity, 104°F (40°C)	14.5 cSt
Flash Point, COC	330°F (166°C)
Sulfur	Present
Fat Ester	Present for polar lubricity
Phosphorus	Present for AW anti-wear
Falex EP Extreme Pressure Lubricity Test	Pass 4,500 lbs.

## PRODUCT APPLICATION / USAGE

CT 8052 HS can be used to machine ferrous metals with machinability ratings below 50% up through free machining steels. The product is also safe on aluminum and copper alloys. CT 8052 HS can be used for turning, drilling, gun drilling, tapping, broaching, grinding and most any other machining operation.

## PRODUCT CODE

2547200000

## HEALTH AND SAFETY

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