

# CT 492

BIODEGRADABLE BIO-BASED LUBRICANT

## ▷ PRODUCT DESCRIPTION

**CT 492** is a 100% biodegradable vegetable oil based lubricant. CT 492 is particularly well suited for applications where complete loss lubrication systems are employed or inevitable leakage onto the ground will occur, thus potentially causing risk to the environment. CT 492 is a uniquely formulated cutting fluid that does not contain chlorine or sulfur.

CT 492 is particularly well-suited for cut-off operations where fluid misting applications are used. The excellent lubrication properties of CT 492 allow for extended tool and cut-off saw life while depositing only a minimal residual film.

## ▷ FEATURED BENEFITS

- Biodegradable
- Non-toxic
- Excellent lubrication
- Oxidation resistant
- Renewable resource bio-based lubricant
- Environmentally friendly
- High temperature stability
- High oleic content
- High viscosity Index
- Good low temperature properties

## APPLICATION



### COMPATIBLE METALS

Cast Iron  
Carbon Steel  
Tool Steel  
Ferrous

### MACHINING CAPABILITIES

Light-Duty Machining

### FOAMING CHARACTERISTICS

Low to Moderate

### FILM TYPE

Fluid Film

### RUST PROTECTION

None



## TYPICAL PROPERTIES

Fluid Type	Vegetable oil based lubricant, mild alkaline cleaner
Appearance	Yellow liquid
Odor	Mild
Specific Gravity, 77°F (25°C)	0.91 – 0.92
Weight, 77°F (25°C)	7.6 – 7.7 lb/gal.
Viscosity, 40°C	32.0 cSt
Viscosity, 100°C	7.7 cSt
Refractive Index	1.46
Smoke Point	455°F (235°C)
Flash Point	>500°F (260°C)
Pour Point	18°F (-7.8°C)
Chlorine	Not Present
Sulfur	Not Present

## PRODUCT APPLICATION / USAGE

CT 492 can be used anywhere there is the potential of an oil leakage into the ecosystem that could be a threat to the environment, total loss oiling applications, misting lubricant applications. Particularly effective as a saw lube for aluminum billets and extrusions.

## PRODUCT CODE

7100700000

## HEALTH AND SAFETY

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