

CT 239

DUAL-PURPOSE OIL
SWISS MACHINING / CUTTING OIL

▷ PRODUCT DESCRIPTION

CT 239 is a dual-purpose oil formulated as a cutting oil and used as a gear oil. The advantage of this oil is realized in automatic machine tools in which, because of leakage from one oil system to another, there may be considerable intermingling of lubricants. The use of CT 239 as both lube oil and cutting oil assures excellent machinability while minimizing the likelihood of staining on the sensitive metals used in gear and hydraulic systems. The non-staining features of CT 239 make the oil well suited for machining of copper and copper alloys. CT 239 contains chlorine and non-staining inactive sulfur for extreme pressure properties.

CT 239 is rust and oxidation inhibited.

▷ FEATURED BENEFITS

- Light amber color and low odor
- Dual-purpose oil for use as a cutting oil and a gear oil
- Can be used on both ferrous and non-ferrous metals
- High performance EP package provides excellent performance on a variety of metals

APPLICATION



COMPATIBLE METALS

Cast Iron
Carbon Steel

MACHINING CAPABILITIES

Light Machining
Light Grinding

FOAMING CHARACTERISTICS

Low

FILM TYPE

Oily

RUST PROTECTION

None





TYPICAL PROPERTIES

Fluid Type	Dual-purpose oil, moderate alkaline cleaner
Appearance	Clear amber liquid
Odor	Mild
Weight, lb/gal., 60°F (15.6°C)	7.36
Specific Gravity, 60°F (15.6°C)	0.88
Viscosity, 100°F	175 SUS
Flash Point, COC	410°F (210°C)
Sulfur	Present
Chlorine	Present
Fat Ester	0.8%
Copper Corrosion, 2 hours, 100°F (38°C)	1A

PRODUCT APPLICATION / USAGE

CT 239 is recommended for light to moderate machining of mild steels, cast iron, and non-ferrous metals. The product is also recommended to be used to lubricate the machine tool, eliminating the dilution of the cutting oil due to excess leakage of lubricant.

PRODUCT CODE

2516100000

HEALTH AND SAFETY

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