

CT 3430

VANISHING OIL

▷ PRODUCT DESCRIPTION

CT 3430 is a fast evaporating thin film lubricant or “vanishing oil” which is particularly useful in the drawing, forming and roll forming of light gauge aluminum, steel, copper, brass, aluminized and galvanized steel. CT 3430 consists of two phases – (1) a solvent carrier and (2) a lubricating phase. The product is transparent and crystal clear “as received” and was formulated for use “as received”, particularly where elimination of after-cleaning is considered desirable or expedient.

▷ FEATURED BENEFITS

- High level of lubricity for forming operation
- Excellent wetting and penetrating properties
- Transparent, crystal clear and odorless
- Minimal residual film

▷ APPROVALS

- Not compliant for California SCAQMD Rule 1144

APPLICATION



COMPATIBLE METALS

Cast Iron
Carbon Steel
Tool Steel
Stainless Steel
Aluminum
Titanium
Inconel
Bronze
Copper
Brass

MACHINING CAPABILITIES

Light Duty Stamping

ALL METAL SAFE

Yes





TYPICAL PROPERTIES

Fluid Type	Vanishing oil
Appearance	Clear light liquid
Specific Gravity	0.790
Odor	None
Flash point (TCC)	120°F (48.8°C) Min.
Boiling point range	318° to 383°F (159° to 195°C)
Vapor pressure, 68°F (20°C)	2.6 mm Hg
Solubility in water	Nil
Hazard Classification	Combustible liquid
Evaporation rate (N-butyl acetate = 1)	0.13
VOC, ASTM E 1868	741.4 grams/liter

PRODUCT APPLICATION / USAGE

CT 3430 is normally applied by spray, but can also be applied by roller coat, brush or dip. The product is recommended for the forming of light gauge aluminized, galvanized, enameled or lacquered parts. It is also suitable as a rubber mold release agent. CT 3430 also is used as a transparent, non-tacky lubricant for nylon rollers in the drape and curtain industry and the cleaning and lubricating of metal and plastics stamping dies prior to internal, on-the-shelf interim storage.

PRODUCT CODE

6818300000

HEALTH AND SAFETY

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