



---

# CTI-4584-46

## FOOD-GRADE FIRE-RESISTANT HYDRAULIC FLUID

---

CTI-4584-46 is non-toxic and non-hazardous, and it gives an extra level of protection and operational efficiency in high and low-temperature hydraulic applications. CTI-4584-46 meets H1 requirements for lubricants with incidental food contact (FDA 21 CFR 178.3570). Its exceptional oxidative stability, corrosion resistance and anti-wear properties make it particularly well-suited for applications where other fire-resistant fluid technologies are restricted.

### ATTRIBUTES

- Conforms to U.S. Food and Drug Administration (FDA) requirements of lubricants with incidental food contact, 21 CFR 178.3570
- Protects against wear, rust and corrosion
- Readily separates from water
- Oxidative stability
- High viscosity index
- Controls carbon and varnish formation
- Low volatility
- Non-toxic/non-hazardous

### TYPICAL PROPERTIES

Lubrication Properties	CTI-4584-46
Viscosity cSt @ 40°C (D445)	45.1
Oxidation Stability (D943)	10000+
Color (D1500)	<.5
Flash Point °F (°C)	435 (224)
Auto Ignition Point °F (°C)	689 (365)
Pour Point °F (°C)	-40 (-40)
Copper Corrosion (D130)	1a
Rust Test (D665)	Pass
Pump Wear Test	
Vickers mg	20
Denison	Meets
FZG Stage (1-12) (DIN51354)	12
Demulsibility, 130°F, 30 Min	40/40/0

#### **CTI-4584-46 - REVISED 01 / 2015**

The Comlube Technology Inc products provided are approximate equivalents to competitive fluids. It should only be used as a general guide, and not serve as a sole resource for determining the correct lubricant for a particular application. Please consult a Comlube Technology Inc representative to ensure that the replacement fluid is the correct choice for the application.