



TEXACO CLEARTEX[®] CF

F

CUSTOMER BENEFITS

Texaco Cleartex CF metalworking fluid delivers value through:

- **Multipurpose performance** — Texaco Cleartex CF metalworking fluid is tri-purpose - serving as the cutting oil, hydraulic fluid, and machine lubricant in machine tools - eliminates the problem of machine lubricants contaminating the cutting oil, and allows the end-user to minimize inventories of other lubricants.
- **Chlorine-free EP compounding** provides benefits in the areas of storage and waste disposal without sacrificing cutting oil performance.
- **Antimist control** minimizes the amount of stray mist around the machine, improving shop cleanliness and reducing operator exposure.

FEATURES

Texaco Cleartex CF metalworking fluid is transparent, light colored, chlorine-free metalworking fluids.

Texaco Cleartex CF metalworking fluid is formulated with naturally high viscosity index paraffinic base stocks.

This metalworking fluid has a high flash point, minimizing the potential for fire.

The EP compounding in Texaco Cleartex CF metalworking fluid is nonstaining to yellow metals, provides long tool life, and allows for faster machine rates.

The chlorine-free nature of this metalworking fluid addresses many of the issues associated with chlorinated metalworking fluids, such as storage and waste disposal or staining of certain aluminum alloys.

Texaco Cleartex CF metalworking fluid can be used as the cutting oil, hydraulic oil, and machine lubricant in automatic screw machines. This eliminates the contamination problem caused by leakage of these fluids into the cutting oil, reducing cutting oil effectiveness.

Texaco Cleartex CF metalworking fluid is effective at providing rust and corrosion protection of parts, cutting tools, and the machine.

Texaco Cleartex CF metalworking fluid:

- provides excellent cooling and lubrication in a wide range of machining operations
- prevents welding of chip and tool
- flushes chips away from the work area
- protects the finished work surfaces, tools, and machines against rusting and staining
- dramatically reduces oil mist in high speed machine tools

APPLICATIONS

Texaco Cleartex CF F is recommended for:

- general purpose machining where the service ranges from light to moderately severe
- machining operations on free-machining to intermediate steels and difficult to machine nonferrous metals as well as more difficult metals, such as stainless steel

Texaco Cleartex CF metalworking fluid is widely used in automatic screw machines and NC/CNC machining centers.

TYPICAL TEST DATA

	D	F
<i>CPS Number</i>	222239	220741
<i>MSDS Number</i>	8967	8967
API Gravity	31.2	31.3
Viscosity, Kinematic cSt at 40°C cSt at 100°C	36.6 6.2	36.7 6.3
Viscosity, Saybolt SUS at 100°F SUS at 210°F	171 46	172 47
Flash Point, °C(°F)	210(410)	226(439)
Color, ASTM D1500	2.5	3.5
Sulfur	Present	Present
Chlorine	None	None
Calcium	Present	Present
Fatty Oil	Present	Present

Typical test data are average values only. Minor variations which do not affect product performance are to be expected in normal manufacturing.