



TEXACO CLEARTEX[®]

D, E

CUSTOMER BENEFITS

Texaco Cleartex metalworking fluids deliver value through:

- **Multipurpose performance** — Texaco Cleartex cutting oils are tri-purpose, serving as the cutting oil, hydraulic fluid and machine lubricant in machine tools to eliminate the problem of machine lubricants contaminating the cutting oil.
- **Transparent, light color** allows operator to better see the machined part during the cutting operation.
- **Excellent EP properties** provide extended tool life and improved surface finish while protecting against staining of yellow metals.
- **Antimist control** minimizes the amount of stray mist around the machine, improving shop cleanliness and reducing operator exposure.

FEATURES

Texaco Cleartex cutting oils are transparent, light colored, chlorinated cutting oils. The EP compounding in Texaco Cleartex cutting oils is nonstaining to yellow metals, provides long tool life and allows for faster machine rates.

Texaco Cleartex cutting oils 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 cutting oils are effective at providing rust and corrosion protection of parts, cutting tools and the machine.

Texaco Cleartex cutting oils are formulated with paraffinic base stocks with a naturally high viscosity index. These cutting oils have high flash points, minimizing the potential for fire.

They also contain an effective mist control agent that reduces stray mist around the machine. This improves shop cleanliness and reduces operator exposure to the cutting oil.

FUNCTIONS

Texaco Cleartex metalworking fluids:

- provide excellent cooling and lubrication in a wide range of machining operations
- prevent welding of chip and tool
- flush chips away from the work area
- protect the finished work surfaces, tools and machines against rusting and staining
- dramatically reduce oil mist in high speed machine tools

APPLICATIONS

Texaco Cleartex D and E are intended for use as general purpose cutting oils where the machining requirements range from light to moderately severe. They are recommended for the machining operations on free-machining to intermediate steels and difficult to machine nonferrous metals. Texaco Cleartex E is also recommended where a higher viscosity product would be preferred for the machining or hydraulic application.

Texaco Cleartex cutting oils are widely used in automatic screw machines and NC/CNC machining centers. The tri-purpose nature of Texaco Cleartex cutting oils allows the user to minimize inventories of other fluids.

Do not use Texaco Cleartex cutting oils in high pressure systems in the vicinity of flames, sparks and hot surfaces. Use only in well ventilated areas. Keep container closed.

TYPICAL TEST DATA

	D	E
<i>CPS Number</i>	222234	222237
<i>MSDS Number</i>	8905	8905
API Gravity	31.0	30.4
Viscosity, Kinematic cSt at 40°C cSt at 100°C	31.0 5.4	58.2 8.0
Viscosity, Saybolt SUS at 100°F SUS at 210°F	160 44	301 53
Viscosity Index	107	116
Flash Point, °C(°F)	220(428)	220(428)
Color	L 1.0	L 1.0
Chlorine	Present	Present

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