C I T G O T R U K U T® E P O I L S

Date 01/05

DESCRIPTION: CITGO Trukut EP Oils are versatile, heavy-duty, soluble cutting fluids designed for a variety of machining operations.

QUALITIES: CITGO Trukut EP Oils provide improved cooling and extended service life of both high speed steel and carbide-tipped tools. These Oils provide excellent work piece finish and dimensional accuracies.

CITGO Trukut EP-CB contains an effective biocide for protection against bacteria and fungus.

APPLICATIONS: CITGO Trukut EP oils are designed for use on nonferrous metals and alloy steels where extreme pressure properties are needed. They perform well in a variety of cutting operations, such as turning, boring, drilling, and thread chasing and grinding.

These oils are designed for mixing with hard water. In general, the mixing ratios for both CITGO Trukut EP Oils are from five to ten parts of water to one part of oil for grinding operations.

TYPICAL PROPERTIES:

CITGO TRUKUT EP OILS

	EP-C	**EP-CB**
Material Code	639563001	639564001
Gravity, ASTM D 4052, °API	15.6	15.6
Gravity, Specific, ASTM D 1298, 60/60°F	0.96	0.96
Density, lb/gallon	8.01	8.01
Flash Point, COC, ASTM D 92, °F (°C)	342 (172)	342 (172)
Viscosity, cSt at 40°C	66.3	66.5
cSt at 100°C	7.61	7.64
Color, ASTM D 1500	L6.5	L6.5
Corrosion	Pass	Pass
Copper Corrosion, ASTM D 130, 3 hrs at 212°F	1B	1B
Falex Load, ASTM D 3233 (10% Solution)	>4500	>4500
Emulsion Stability, 24 hrs at 77°F		
Deionized Water	Pass	Pass
Hard Water	Pass	Pass