

CTEC 1020

Version: 20120504

Technical data (Typical)

Appearance	Light Reddish Viscous liquid
Color (ASTM D 1500)	L 4.0
Specific Gravity@ 29.5 °C (ASTM D 1298)	0.99 g/cc
Viscosity, 100 °C (ASTM D 445)	Min. 175 cSt
TAN (ASTM D 974)	20 to 31 mg KOH/gm
Sap Value (ASTM D 94)	Min. 170 mg KOH/gm
Ester Value (Internal)	Min. 135 mg KOH/gm
Iodine Value (Internal)	Max. 40 mg KOH/gm
Hydroxyl Value (Internal)	Max. 15 mg KOH/gm

Application

CTEC 1020 is a unique Macro molecule based on a naturally occurring ester. When neutralized with a suitable co-emulsifier, it forms a uniquely designed self-emulsifying ester designed to impart excellent lubricity in semi synthetic and synthetics. The nature of the ester avoids sticky deposits and helps reduce number of components in a formulation.

Micro emulsions can be formulated with exceptional lubricating properties. It is thermally stable and has been used in variety of situations particularly for Metalworking fluids. Low foaming properties characterize this product.

Suggested Applications:

METAL WOKING

MICRO EMULSIONS FOR CUTTING, GRINDING, DRILLING
TO FORMULATE SYNTHETIC ROLLING OILS FOR STEEL.

DRAWING & STAMPING

STARTING POINT FORMULATIONS ARE AVAILABLE ON
REQUEST.

Handling

Please refer to the corresponding material safety data sheet
for handling and blending precautions and maximum
recommended temperatures.
