

Chemsulf SI-10E

CHEMICAL NAME	Sulfurized Hydrocarbon
INCI NAME	-
CAS NUMBER	Proprietary
FUNCTION	Extreme Pressure Additive
TECHNICAL REQUIREMENTS	Specific Gravity @ 60°F 0.951 Typical Sulfur, % 9.41 Typical Color (ASTM-D-1500) 2.5 Typical Viscosity @ 100°C, cSt 20 Typical Total Acid Number 2.3 Typical

GENERAL DATA	Appearance @ 25°C Light Amber Liquid Pounds Per Gallon 7.92
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APPLICATION

Chemsulf SI-10E is a 10% sulfurized ester that is soluble in Naphthenic Base Oils as well as Group I, II, III and Bright Stock Base Oils. It is light in color and odor, and has good oxidation and thermal stability. It is designed for use in any application where extreme pressure and friction modification is needed like drawing and stamping, pipe threading, broaching, pipe tapping, among many other applications in metalworking and industrial oil formulations. This product provides lubricity, friction modification, and extreme pressure properties all in one package. This allows the formulator to reduce or eliminate the need for additional additives such as any type of additional esters. It is non-corrosive to yellow metals and can be used as a “copper passivator” when active sulfur is required.

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