



DA-8506
Chlorinated Fatty Ester
Lubricity & Extreme Pressure Additive

DA-8506 is a stabilized chlorinated fatty ester designed to offer lubricity and wetting characteristics, as well as extreme pressure properties, to the fluids in which it is incorporated. It is a non-flammable, non-corrosive, low volatile liquid at room temperature.

TYPICAL PROPERTIES

Property	Typical
Chlorine, %	33
Specific Gravity, 25°C	1.16
Density, lb/gal	9.6
Viscosity @100°F, SUS	720
Viscosity @ 210°F, SUS	64
Viscosity @ 40°C, cSt	135
Viscosity @ 100°C, cSt	11
Acid Value	2
Pour Point, °F	<10
Pour Point, °C	<-12
Color, ASTM	1.5

DA-8506 is typically applied in straight and soluble oil machining, drawing and stamping fluids when a formulation requires additional wetting, lubricity or EP properties. Typical starting point formulation guidelines:

	% Weight
Straight Oil (Machining)	3-10
Straight Oil (Drawing and Stamping)	5-15
Soluble Oil (Machining)	3-10
Soluble Oil (Drawing and Stamping)	3-10

DA-8506 may be stored in an original container or bulk storage tank. Exposure to 0°F for an extended period will cause significant viscosity increases. Recommended storage temperatures range from 80-100°F. Blending should not exceed 130°F. Prolonged exposure to temperatures in excess of 100°F may result in darkening of product and release of corrosive by-products.

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