

Amadol 511

Tall oil diethanolamide

Emulsifiers for oil-based drilling mud and other inverse emulsion applications.

Specifications

Appearance	Clear to hazy amber liquid at 25°C
Color	0-11.0 Gardner
Moisture	≤ 0.30 %
pH	9.0-10.0 (5% in 25% isopropanol / 75% water)

Characteristics

Appearance	Liquid amber at 25°C
Brookfield viscosity, 77°F	850 cps
Density	8 Lbs/Gal at 25°C
Flash point	≥93.3 C
HLB	8
Odor	Bland
pH	8.6 (5% in 3:1 IPA/H2O)
Pour point	≤ -17.8 °C
Water content	0.15 %
Solubility: 10% in Aromatic 150	Soluble
Solubility: 10% in Isopropyl Alcohol	Soluble
Solubility: 10% in Kerosene	Soluble
Solubility: 10% in Water	Dispersible
Solubility: 10% in Xylene	Soluble
Solubility: 50% in Aromatic 150	Soluble
Solubility: 50% in Kerosene	Soluble
Solubility: 50% in Water	Dispersible
Solubility: 50% in Xylene	Soluble

Notes:

Typical Data are based on our own measurements or derived from the literature. They do not constitute part of the delivery specification.

Additional information

Emulsifying water in drilling fluids (water-in-oil emulsion) including: oil-based drilling muds; invert emulsion muds; packer fluids; completion fluids and workover fluids. Other applications include general inverse emulsification, fuel efficiency improver additive, and w/o emulsions. These surfactants have been used in oilfield, mining, fuels, emulsion polymerization, processing of textiles, paper, and metal.

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