

Witconate AOS-12

Alpha Olefin Sulfonate, Sodium Salt

Sodium C12 Alpha Olephin Sulfonate freshwater & brine foamer

Specifications

Appearance	Clear amber liquid at 25°C
Color	0-400 Klett
Free oil	(report) %
pH	10.0-11.0 (5% in water)

Characteristics

Density	9 Lbs/Gal at 25°C, 9 lbs. / gallon at 25°C
Flash point	≥93.3 C
Odor	Mild
Pour point	-5 °C
Solid content	40 %
Specific Gravity	1.08 at 25°C
Water content	60 %
Solubility: 10% in 9 lbs/gal Brine	Dispersible
Solubility: 10% in Aromatic 150	Dispersible
Solubility: 10% in Kerosene	Dispersible
Solubility: 10% in Water	Soluble
Solubility: 50% in 9 lbs/gal Brine	Dispersible
Solubility: 50% in Aromatic 150	Dispersible
Solubility: 50% in Kerosene	Dispersible
Solubility: 50% in Water	Soluble

Notes:

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

Applications

Witconate AOS-12 is an alpha-olefin sulfonate surfactant that has been specially produced by Witco to exhibit enhanced foaming performance characteristics in extremely high temperature environments. As a result, Witconate AOS-12 exhibits exceptional thermal stability in addition to outstanding solubility and foam height stability in fresh water systems.

Additional information

Witconate AOS-12 is a unique, high performance foaming agent with broad-spectrum capabilities for the oil and gas industry. Witconate AOS-12 has proven to be highly effective in the unloading of undesirable liquids and particulates from gas producing wells. Witconate AOS-12 exhibits exceptional thermal stability, even in environments with temperatures of up to 400 °F. Witconate AOS-12 is an excellent fresh water foamer delivering maximum results when formulated for cost-effective air/foam drilling operations. Witconate AOS-12 is also an excellent oil/water foamer with significant enhanced oil recovery potential. In addition, Witconate AOS-12 is compatible with a wide variety of other foaming media and additives enabling formulators to select Witconate AOS-12 as an efficient component for very specific well applications.

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The logo for Nouryon, featuring a stylized blue 'N' followed by the word 'ouryon' in a blue sans-serif font.