



Technical Data Sheet

EX-23

Product Description

EX-23 is an emulsifier / surfactant which designed to internally emulsify various hydrocarbons in fresh water or salt water, hydrocarbons include but not limited to diesel.

Applications: emulsification of oil into water to lower density's of fresh water or brine.

Treatments: Recommended concentrations for emulsion of 20 -70% diesel or other hydrocarbons will vary from 2 - 10 pounds per barrel depending on the amount of the hydrocarbon to be emulsified and the properties of the water, Pilot testing is recommended

KEY BENEFITS

- 20 - 70% by volume hydrocarbon in the internal phase.
- Provides superior yield point and low gel strengths
- Yield points can be controlled by adding oil or water during drilling.
- Emulsion remains constant with little to no separation.
- Improves lubricity
- Weighting agents such as but not limited to barite can be used to raise the density.

Key Properties

Color	Light amber to white
Physical Form	Liquid
Sg	1.0 - 1.02
pH	8.4 - 8.7
Solubility in water	Soluble
Packaging	Drum/Totes