



Technical Data Sheet

EZ Thin

Product Description

EZ Thin Is a Liquid thinner used to control viscosity in high-solids, high-viscosity drilling fluids. A sulfonated co-polymer in liquid form providing a quick and efficient reduction of viscosity and gel strengths in drilling fluids containing moderate levels of calcium and salts, while subjected to high bottom hole temperatures. An environmentally safe anticalin featuring rapid solubility and better performance, it is less toxic than traditional dispersants containing heavy metals. Contains no alkylphenols and has a category C toxicity classification. Stable up to 350 degrees F.

Applications: **EZ Thin** is commonly used in shallow-hole to reduce fluff out of spud muds but can be used in highly complex mud systems.

Treatments: Normal treatments range from 0.1 - 2 lb/bbl.

Initial treatments with this additive can actually increase viscosity when the concentration is very low, 0.1 lbs./bbl. Dilution to reduce the solids, in conjunction with the continued treatments with the additive, reduces viscosity.

Daily maintenance treatment are required. Pilot testing is suggested to determine the actual treatment required to obtain the desired properties.

KEY BENEFITS

- Lower and controlling fluid loss in water-based muds.
- Stabilize fluid rheology in Dispersed and Non-Dispersed water based drilling fluids
- Thermally stable to 400°F
- Not subject to bacterial degradation

Key Properties

Color	Amber to brown
Physical Form	Liquid
Sg	1.2 - 1.3
Max Temp	400°F
Solubility	Soluble in water
Packaging	5 gal pail