

RAPID KF 50™

CLEAR ORGANIC BRINE FLUID

Description:

Rapid KF 50™ is a clear organic brine fluid comprised of aqueous potassium formate. The Rapid KF 50™ is used to formulate completion, drill-in, invert muds, packer fluids and as a potassium source in water based drilling fluids. The potassium formate offers a monovalence organic brine that is compatible with viscosifying polymers, inhibits shale sections and is low corrosivity. The product offers excellent biodegradability and low environmental impact.

ADVANTAGES:

- ⇒ Monovalence organic brine
- ⇒ Low corrosivity
- ⇒ Inhibits Shale
- ⇒ Compatible with viscosifying polymers
- ⇒ Excellent biodegradability / Low environmental impact

APPLICATION:

Rapid KF 50™ is an aqueous solution that mixes easily with water-based systems. It is recommended that Rapid KF 50™ be added to the system at a dosage rate of 0.25 to 1.0 ppb. Evaluate overall potassium level in water-based system when drilling in offshore regions; elevated potassium ion levels in water base muds can negatively impact LC₅₀ values.

PHYSICAL PROPERTIES:

Appearance	Clear Colorless Liquid
Density	10.3 to 10.5 lbs / gal
Specific Gravity	1.24 to 1.26 gr / cc
pH	9.5 to 10.0
Flash Point	NA
Pour Point	< 10° F