

## RAPID AQUA PLUS™

FLUID LOSS CONTROL ADDITIVE

### Description:

Rapid Aqua Plus™ is a low molecular weight, anionic, acrylate-based polymer supplied as a dry granular powder. It has excellent handling characteristics and dissolves quickly when added to water-based mud systems. Rapid Aqua Plus™ is primarily a fluid loss additive that reacts with clay particles to form a thin, flexible filter cake along the well bore reducing fluid loss to the formation. The product is thermally stable to 300° F and will reduce gel strengths and yield point with little effect on plastic viscosity. It also improves the fluid's carrying capacity, helps reduce friction and contributes to the inhibition / encapsulation of drilled solids.

### ADVANTAGES:

- ⇒ Highly effective in fresh and brackish systems.
- ⇒ Exhibits a low order of toxicity.
- ⇒ Mixes easily in fluid systems.
- ⇒ Effective fluid loss additive

### APPLICATION:

Rapid Aqua Plus™ is a powder that mixes easily with water-based systems. It is recommended that Rapid Aqua Plus™ be added to the system through a conventional mud hopper at a dosage rate of 0.25 to 2.0 ppb.

Rapid Aqua Plus™ is most commonly used in fresh water systems, it can be used in brackish or seawater systems. Hardness levels should be controlled if possible. It is recommended that soluble Calcium and Magnesium levels be maintained at 500 ppm or less.

### PHYSICAL PROPERTIES:

Appearance	White Granular Powder
Density	8.83 to 9.00 lbs / gal
Specific Gravity	0.8 gr / cc (50 lbs. / cu.ft.
PH (0.5% Soln)	6.5 to 7.5
Charge in solution	Anionic