

Product Information

ALCOMER 120L

GENERAL DESCRIPTION

Alcomer 120L is an anionic polyacrylamide copolymer supplied in a mineral oil carrier fluid. Alcomer 120L is a low viscosity liquid with excellent freeze-thaw and long term stability. It mixes readily and dissolves quickly into water based drilling fluids. It is a multifunctional polymer developed for use in water based drilling fluids.

APPLICATIONS

Shale Stabilization: Alcomer 120L encapsulates reactive shale platelets by forming a protective layer on the well bore and around drilled cuttings, decreasing the shale's tendency to absorb water, swell and sough-off. Alcomer 120L works alone or in conduction with KCL to stabilize active shales.

Flocculation: By adding small amounts of Alcomer 120L at the flow line it will promote solids settlement in the mud pit

Friction Reduction: Alcomer 120L has thinning properties that reduce power losses at points of high shear, especially at the drill bit and other restrictions such as the pump discharge, drill collars, etc.

Viscosity: Alcomer 120L is a very cost-effective viscosifier for low salinity clear-water drilling operations. Its shear-thinning properties ensures maximum power at the bit under high shear, excellent carrying capacity under low shear, yet allows easy solids removal in the mud pits.

Foam Stabilization: Alcomer 120L has a long chain polymer structure that aids foam drilling by creating a tighter, stronger foam, enhancing cuttings removal and reducing water requirements. Alcomer 120L is compatible with all common foamers.

RECOMMENDED TREATMENT

Flocculant: 1L/30m of hole drilled. Holes larger than 222mm may require higher concentrations.

Shale Inhibition: the filtrate concentration ranges from 0.5 kg/m³ for slightly hydratable shales to 1.5 kg/m³ for moderately hydratable shales. Gumbo shales may require concentrations as high as 3.0 kg/m³

TYPICAL PHYSICAL PROPERTIES

Active Content	40%
Appearance	White liquid
pH	7.0
Specific Gravity	1.06
Pour Point	-10°C

HANDLING

Alcomer 120L is not a controlled product using the WHMIS classification. Refer to the MSDS for specific precautions and handling.

AVAILABILITY

Alcomer 120L is available in 18.93L pails.