

RT-A-CTPC

Anionic Friction Reducer

Description

RT-A-CTPC is a medium charge, high molecular weight anionic friction reducer designed to be added “on-the-fly” to fresh water or moderate brines (“slick water fracs”). Typical dosages range from ¼ to ½ gallon per 1000 gallons of fluid with reduction in friction pressures by as much as 80% versus fresh water. RT-A-CTPC is a single component emulsion polymer that can be pre-diluted with water prior to use but because it is a rapid yielding product it is usually fed “on the fly”. RT-A-CTPC is also designed to be an effective hole sweep prior to cementing operations. Dosages in this application can range from ½ to 2 pounds per barrel of fluid, however actual dosages should be determined prior to sweeping to achieve optimum fluid characteristics.

Key Features

- No alkyl phenol ethoxylates (APE or NPE) are used in the manufacture of RT-A-CTPC making this product more environmentally friendly.
- Optimized acrylamide/acrylic acid ratio for friction reduction which reduces cost due to low usage.
- Added “on-the-fly” which reduces waste and disposal costs

Typical Physical Properties

Characteristics	Opaque, off white emulsion
Charge	Anionic
Specific gravity	0.99 – 1.02
Flash point	>200°F/93°C
Freezing point	32°F/0°C

Storage

RT-A-CTPC should be stored between 40 and 90 F and protected from freezing. If freezing occurs the product should be warmed to 40-90o F and agitated prior to subsequent use. The shelf life of RT-A-CTPC is at least six months in unopened containers. Product rotation is recommended to avoid prolonged storage times. A very slight separation will occur upon standing, as noted by clear upper layer of oil. Containers should be mixed prior to first use and weekly thereafter. Bulk storage tanks should be mixed either by a mechanical mixer or recirculation.

Availability

Global from Houston, TX-USA, Midland, TX-USA, Dubai, UAE and Bombay, India

Compatibility

RT-A-CTPC is compatible with all known anionic and nonionic surfactants used in fracturing applications.

Packaging

RT-A-CTPC is available in bulk, totes & pails.

Regulatory Status

RT-A-CTPC is not DoT Regulated for transport. Refer SDS before use