

CONNECT™ HT

GEL



NEWPARK
DRILLING FLUIDS

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PRODUCT DESCRIPTION

ConneCT™ HT gel is a proprietary viscosifier and frictional pressure loss additive in Newpark’s ResurreCT™ coiled tubing system. ConneCT HT is used when temperatures exceed 425°F (218°C). ConneCT HT is only suitable for freshwater applications.

BENEFITS

ConneCT HT gel delivers appropriate viscosity to optimize hole cleaning and management of rheological properties in freshwater fluids. ConneCT HT is designed for specialized applications requiring tolerance to high temperatures.

APPLICATION

ConneCT HT gel is designed for use in the ResurreCT coiled tubing system and is effective over a wide density range. The polymer requires little concentration compared to other viscosifying agents, thereby minimizing transportation costs. The gel breaks easily in an acidic or brine environment. AttraCT™ surfactant is recommended for use with ConneCT HT to optimize system performance. When used in conjunction with DireCT™ pipe-on-pipe friction reducer, lubricity and viscosity-building capabilities are enhanced.

TREATMENT RECOMMENDATION

Concentrations are carefully selected during the design phase. Control of fluid system pH in mid-ranges, as well as calcium levels <400 mg/L and chloride levels <40,000 mg/L, are recommended for optimal viscosity yield and maintenance. ConneCT HT may be added directly through the hopper.

Approximate Amounts of ConneCT HT Added to Fluid System

lb/bbl	% by volume
0.25-6.0	0.25-6.0

TYPICAL PHYSICAL PROPERTIES

Appearance.....Beige, to light brown viscous liquid
Flash Point.....>225°F (107°C)
pH (1% solution).....4.1
Specific Gravity.....0.95-1.0

HANDLING AND STORAGE

ConneCT HT gel is extremely slippery. Use caution around spills. Use appropriate hygiene, clothing and personal protective equipment suitable for work being done. Review the SDS thoroughly before using this product.

PACKAGING

ConneCT HT gel is available in 5-gallon (19-liter) pails and 275-gallon (1,041-liter) totes.

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