

RAPID HEC-L™

HIGH PURITY HYDROXYETHYL CELLULOSE VISCOSIFIER

Description:

Rapid HEC-L™ is a liquid viscosifier produced from high purity hydroxyethyl cellulose (HEC) in a non-toxic synthetic carrier fluid. The product is easily dispersed in water to produce solutions of varying viscosities. Rapid HEC-L™ is used as a fluid rheology modifier, fluid loss reducer, suspending agent or lubricant, particularly in those applications where a nonionic material is desired, such as brines and cement systems

ADVANTAGES:

- ⇒ Faster yielding than dry HEC.
- ⇒ Smooth, uniform viscosity with no lumping or “fish-eyes”.
- ⇒ Compatible with most common use workover / completion additives.
- ⇒ Easy to handle liquid.

APPLICATION:

Rapid HEC-L™ is supplied as a liquid and is easy to use. For typical treatment (to obtain funnel viscosity of 35 to 40 sec/qt) mix 5 gallons of Rapid HEC-L™ per 20 barrels of water or brine.

PHYSICAL PROPERTIES:

Appearance	Light cream to white liquid
Density	9.0 to 9.2 lbs / gal
Specific Gravity	1.01 to 1.10 (typical)
pH(neat)	5.5 to 8.5
Charge in solution	Nonionic
Flash Point, TCC	> 200° F (>93°C)
Active Content %	45
Shelf Life	6 months

SALT WATER SOLUTION (10 PPG CONCENTRATION)						
Concentration	Dial Reading RPM			AV	PV	YP
	600	300	100			
Gal product / 20 bbls						
5	33	21	10	16	12	9
10	84	63	38	42	21	42
20	243	199	145	121	44	155

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