

DESCRIPTION

FWG-15 is a chemically modified cellulose derivative used as a gelling agent for water, brine and acid solutions. The broken gel leaves no insoluble residue to cause formation damage.

FWG-15 is recommended for use in reservoirs, which are responsive to water-based stimulation fluids. It is well suited for medium to high temperature reservoirs where high viscosities are not required and natural polymers would break down. Due to its' residue-free nature, FWG-15 is ideal for use in waterflood injection wells and gravel packing applications.

APPLICATION

FWG-15 provides greater viscosity per kg than natural polymers. Furthermore, it retains higher viscosities at elevated temperatures than natural polymers.

FWG-15 provides 60 to 70% friction reduction as compared to water.

Excellent fluid loss control can be obtained through the use of fluid loss additives or a 5% hydrocarbon phase.

FWG-15 is compatible with CO₂ and N₂ where the inclusion of such a gas is desired to aid in recovery of the well.

FWG-15 can be used in KCl, CaCl₂ or oilfield brines for protection of water-sensitive clays.

FWG-15 is not sensitive to high brine concentrations as are many other gelling agents and most crosslinked fracturing fluids.

PHYSICAL PROPERTIES

Appearance:	Off-white to yellow powder
Specific Gravity:	1.44
Bulk density:	43.4 lb/ft ³
Bulk volume:	0.0230 ft ³ /lb
Solubility:	Dispersible in water, alcohol and acids.

PACKAGING

Supplied in 25kg sacks

ADDITIONAL INFORMATION

None