My-T-Oil IV™ Fluid
Continuously Mixed Gelled Oil System

The My-T-Oil IV™ system is a continuously mixed gelled oil system for making hydraulic fracturing treatments more efficient. A continuously mixed gelled oil can reduce the time on location caused by batch mixing as well as eliminate waste and disposal problems that are caused by leftover gelled fluid in the storage tanks.

My-T-Oil IV system is a polymer-free fluid that leaves virtually no residue in the proppant pack. The very small amount of residue is water soluble salt.

Applications
My-T-Oil IV fluid can be used in wells with bottom hole temperatures up to 200°F (93°C). My-T-Oil IV fluid can be foamed with nitrogen.

Benefits
• Rapid gelation; My-T-Oil IV gel develops a consistent gel viscosity within seconds of mixing
• Job design flexibility; adjustments to chemical concentration can be made "on-the-fly" while the fluids are being pumped
• Eliminates costly waste, disposal, and tank cleaning problems associated with premixed fluid systems
• Eliminates unnecessary chemical costs for unused tanks of pre-gelled fracturing fluid in case of premature job termination
• Disruption of the environment is kept to a minimum
• Less time on location is required because there is no batch mixing of the gel applications
• Leaves behind very low, water soluble residue, less than highly derivatized guar fluids

Gelled Oil Fluids
The use of a viscous gelled oil system as a fracturing fluid minimizes the possibility of damage in certain formations such as particle migration resulting from water contacting clays. Gel viscosity can be controlled while the treatment is being pumped, enhancing job design flexibility. Gelled oil systems were the first type of high viscosity fluids used in hydraulic fracturing and have the major advantage of being compatible with almost any type of rock formation. And, gelled oil is more convenient in cold weather conditions when compared to water-based fluid systems.

The My-T-Oil family of fluids are the choice fluids for oil wells whose formations contain large amounts of water-sensitive, damaging clays.

For more information, contact your local Halliburton representative or email stimulation@halliburton.com.