

# Terra Pack II High viscosity carrier fluid

## **Applications**

- All types of gravel pack completions
- Workover operations
- Well cleanout operations

#### **Features and Benefits**

- High Viscosity
- Highly resistant to shear degradation
- Compatible with most brines
- Low residual solids
- Good gravel suspension
- Non-crosslinked non-ionic polymer gelling agent

**Terra Pack II** is a high viscosity carrier fluid that can be used in virtually all types of gravel pack completions and workovers. Although used primarily as a gravel packing fluid, it can also be spotted as a viscous pill across a producing interval to avoid formation sand sloughing.

#### Viscosity

Viscosified with a salt tolerant, nonionic cellulose polymer, the system is not crosslinked; therefore it is the concentration of the hydrated polymer that imparts viscosity to the fluid.

Gravel suspending properties of a viscous carrier fluid like Terra Pack II allow slurries to be mixed at high gravel-to-fluid ratios, such as 15 ppg (1787 kg/m3) or higher.

Breaks back to a viscosity near that of water after the gravel has been placed

downhole by adding internal breakers to the system. Once broken, polymer residue is less than 1% based on the initial weight of the polymer.

# Compatibility

Can be gelled using a variety of salt solutions as its base fluid. This is important in high pressure applications and when a specific salt solution must be used to maintain compatibility with the formation.

## Safety

Terra Pack II is a non-hazardous system. However, protective clothing, eye protection and gloves should be worn. Avoid eye contact. Should eye contact occur, flush for 15 minutes with water. Refer to the Material Safety Data Sheet (MSDS) for details.

