



TETRAVis™

VISCOSIFIER

Overview

TETRAVis viscosifier is a high purity, high molecular weight hydroxyethylcellulose polymer designed specifically for use in oilfield applications. TETRAVis viscosifier has been surface treated in order to facilitate the preparation of clear, homogeneous, viscous fluids.

Features and Benefits

- Provides a wide range of viscosities for fluid loss control, hole cleaning, and spacers.
- Compatible with all completion fluids.
- Can also function as a friction-reducing agent.
- Easily degraded with acid, oxidizing agents, and enzymes.

Applicable Information

TETRAVis viscosifier should be added slowly (approximately 15 minutes per bag) via the mud hopper to a fluid of neutral pH. Maintain continuous agitation while adding TETRAVis viscosifier. Once all TETRAVis viscosifier has been introduced into the fluid, gentle agitation will suspend the polymer as it hydrates. Time required for complete hydration decreases as either the pH or temperature of a fluid is increased.

Technical Specifications

Physical Properties

Appearance	White, free-flowing powder
Compatibility	All completion brines
Specific gravity	1.34 to 1.40
Water Solubility	Soluble

Packaging Information

TETRAVis is available in 50 U.S. lb, and 25-kg, moisture-resistant, multi-wall paper bags.

Recommended Treatment

The treatment concentration of TETRAVis can range from 0.25 to 4.0 ppb, as necessary for viscosity development in relation to its application. Consult with a TETRA representative for a specific recommendation.

Safety and Handling

Avoid skin and eye contact, inhalation or ingestion. For skin contact, wash with soap and large quantities of water. For eye contact, flush with large quantities of water. Use properly designed respirator if adequate ventilation is not available. Refer to the Safety Data Sheet for specific details.

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