GREEN FLOW CANADA

FlowTec

Enhanced Oil Recovery (EOR) Solution

FlowTec is designed for the oil and gas industry for Enhanced Oil Recovery, while addressing paraffin, asphaltenes, heavy metals and bacterial challenges. With a molecular size of 1.2 nanometers, FlowTec penetrates into areas where traditional solutions may not reach, supporting efficient operations.

FlowTec interacts with crude oil and formations to:

- Release stubborn deposits such as heavy metals & asphaltenes, improving flow.
- Support bacterial control through microbial remediation.
- Promote operational efficiency in fracing, coiled tubing, and vertical or horizontal wells.

HIGHLIGHTS

- Formulated for Enhanced Oil Recovery (EOR)
- Designed to address paraffin, asphaltenes, and bacteria
- Safe for the environment and operational use
- Engineered to support increased well production & sweeter oil

Key Features

- **Supports Increased Production:** Designed to improve flow and deliver sweeter oil.
- **Non-Ionic Plant-Based Surfactant**: Safe, eco-friendly, and effective.
- **USDA BioPreferred:** Biodegradable and plant-based.
- **Safe for Operations:** Non-toxic, non-flammable, non-reactive, non-caustic, and non-hazardous.
- **Operational Versatility:** Suitable for horizontal & vertical production wells, hydraulic fracturing, and coiled tubing operations.
- **Maintenance Support:** Designed to help lower future maintenance needs.

FlowTec is the smart, sustainable way to increase production while protecting your wells

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Application Guidelines

- Determine Total Well Volumetrics.
- Assess operational concerns: paraffin, asphaltene, heavy metals, bacteria, or corrosion.
- Define your operational goals: Enhanced Oil Recovery (EOR), bacterial control, or both.

Application Rates

- 4:1 (20% FlowTec)
- 5:1 (16.7% FlowTec)
- 6:1 (14.3% FlowTec)

Example: For a vertical well with 2 3/8" tubing in 4 ½" casing at a depth of 6,800-7,500 feet, one tote (275 gallons) may be used.

Step-by-Step Guide

1. **Injection Method:** Pump FlowTec down tubulars or through annulars.
2. **Dilution:** Mix FlowTec with water at the advised dilution ratio.
3. **Timing:** Shut in the well for 24-48 hours.
4. **Post-Application:** Open the well and monitor returned fluids.

Safe Storage & Operating Temperatures

- 3 year Shelf Life (longer under stable temperature conditions).

Additional Notes

- FlowTec is not a Drilling Fluid.
- FlowTec will not "dissolve" paraffins but will "release" them, allowing for natural removal and flow restoration.

Discover how FlowTec can optimize your operations, enhance production, and support sustainable solutions for the oil and gas industry.
Let us help you tackle your toughest challenges—efficiently and safely.