

# HVFR-7575-4

### Use:

HVFR-7575-4 is a concentrated dispersion of a viscosifying friction reducer based on specialty anionic polyacrylamide backbone in BTEX free mineral fluids. It works well in fresh water, brines, KCl, and bromine weighted solutions.

The active ingredient of HVFR-7575-4 is an efficient and versatile polymer, capable of delivering unmatched performance in High Viscosity Slick Water and Coil Tubing Gel Sweep jobs.

When added to water, HVFR-7575-4 instantly disperses and hydrates, reducing the friction pressures experienced when pumping fluids at high rates by altering the fluid flow regime from turbulent to laminar flow.

HVFR-7575-4 contains greater than 50% more active polymer than FR emulsions. The higher polymer content HVFR-7575-4 allows for the replacement of typical emulsion friction reducers by using less than half the original dosage.

## **Physical & Chemical Properties:**

| Parameter        | Specification |  |
|------------------|---------------|--|
| Appearance       | Tan Liquid    |  |
| Odor             | Slight        |  |
| Specific Gravity | 1.00 to 1.10  |  |
| Pour Point       | 20 deg F      |  |

### **Typical Dosage:**

HVFR 7575-4 is typically added to water at 0.1 to 0.5 gallons per thousand for slick water fracturing applications and at 1 to 3 gallons per 10 barrels for gel sweep applications.

### Packaging:

5 ga pails, 330 ga one way totes and bulk tank trucks

### Availability:

Pleasanton, TX; Beasley, TX and Midland, TX

### **DoT Classification:**

Not Regulated

#### Performance:

| Dosage (ga per 10 BBL) | Viscosity @ 300 rpm (cp) | Marsh Funnel (sec) |
|------------------------|--------------------------|--------------------|
| 1                      | 16.1                     | 125                |
| 2                      | 25.1                     | 287                |