



PayZone® NE 400

NON-EMULSIFIERS

Overview

PayZone® NE 400 is a high performance non-emulsifier product designed for use in calcium-based brines. PayZone NE 400 non-emulsifier inhibits the development of emulsions caused by mixing of completion fluid and hydrocarbons, which impede the formation's ability to transmit hydrocarbons and can cause formation damage.

Features and Benefits

- Soluble in and compatible with calcium-based completion brines
- Provides fast, clean oil/brine emulsion break, as well as emulsion prevention with pre-treatment
- Payzone NE 400 non-emulsifier mixes easily into the active system
- Reduces brine surface tension in order to maximize completion fluid recovery
- Effective at low concentrations - 0.1 to 1.0% by volume
- Incompatible with zinc-based and monovalent brines

Applicable Information

PayZone NE 400 non-emulsifier will easily mix into calcium-based fluids and is added prior to introduction of fluid into the wellbore. PayZone NE 400 non-emulsifier is added to the fluid prior to exposure to reservoir fluids to prevent the formation of oil/brine emulsions that can form upon contact of the two fluids.

Physical Properties

Appearance	Clear to light yellow liquid
Specific Gravity	0.965 - 0.972
Water Solubility	Soluble @ 25°C

Packaging Information

- 55 U.S. gallon drum
- 200 liter drums

Recommended Treatment

The recommended treatment of PayZone NE 400 non-emulsifier can range from 0.1% to 1.0% by volume to the brine. Consult with a TETRA representative for specific recommendations.

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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