



MAYCO STIM-450

INTRODUCTION

MAYCO STIM-450 is a low cost amphoteric surfactant blend suitable for generating stable foams to temperatures in excess of 250°F in aqueous fluids. Typical dosage is 5 gallons per thousand (gpt) for acidizing and 1 to 3 gpt in fracturing applications.

TECHNICAL FEATURES

1. MAYCO STIM-450 is a very cost effective foaming agent. This product can produce stable foams at half the cost of typical foaming agents currently being used in fracturing and acidizing.
2. MAYCO STIM-450 is readily soluble in aqueous carrier fluids and can be used as a liquid concentrate.
3. MAYCO STIM-450 has a half life 2 to 3 times greater than typical foaming surfactants.
4. MAYCO STIM-450 is an effective foaming agent to temperatures in excess of 250°F.
5. MAYCO STIM-450 is compatible with liquid gel concentrate systems.

SUGGESTED APPLICATIONS

MAYCO STIM-450 can be used as a foaming agent in all aqueous fluids including gelled and crosslinked fracturing systems with proper pretesting.

MAYCO STIM-450 can be used to remove water from gas wells.

PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Clear Liquid
Odor	Slight
Boiling Point (760 mm Hg)	170°F
Freezing Point	N.D.
Vapor Pressure	N.D.
Specific Gravity	0.9881
Solubility in Water	Emulsifies
pH	6 – 8
Vapor Density	N.D.
Melting Point	N.D.
Evaporation Rate	>100

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