



Technical Data Sheet

IN FORCE PHT

Product Description

IN FORCE PHT is an emulsifier for Oil Based fluid systems. It is designed to produce a highly stable invert emulsion, improve the electrical stability and fluid loss properties. **IN FORCE PHT** is effective over a wide range of temperatures, different oil/water ratios and mud weights and reduce the effects of contaminants. **IN FORCE PHT** also oil-wets solids to prevent water wetting and reduces the adverse effects of contaminants.

Applications: Emulsifier and wetting agent; improve electrical stability; and filtration control

Treatments: Typical concentrations range from 2 to 8 lb/bbl depending on the oil/water ratio. Higher temperatures will require a higher treatment, from 10 to 16 lb/bbl.

Daily maintenance treatment are required. Pilot testing is suggested to determine the actual treatment required to obtain the desired properties.

KEY BENEFITS

- Emulsion stability
- Oil wetting of solids
- Reduces effects of contaminants
- Rheological stability
- Filtration control

Key Properties

Color	Dark
Physical Form	Liquid
Sg	0.90 -0.96
Solubility in water	Insoluble
Packaging	Drum/Totes