



# NEOMUL® P

## Primary Emulsifier-HP

### Product Description

NEOMUL® P is the primary and a second-generation emulsifier used in NEODRIL® clay-free oil-based drilling fluid system and can also deliver excellent thermal stability performance exceeding 400°F. It is used conjunction with NEOMUL® S secondary emulsifier to provide excellent emulsion stability, filtration control and thermal stability. NEOMUL® P is activated by calcium. Lime should be added in the initial formulations.

### Applications/Functions

- Prepares NEODRIL® high performance oil-based drilling fluid system
- Functions as primary emulsifier and provide filtration control
- Helps maintain HPHT filtrate in a water-free state
- Improves the thermal stability and contamination resistance of oil-based mud

### Advantages

- Effective at low concentrations
- Stable at temperature above 400°F
- Compatible with other oil-based and synthetic mud additives and systems

### Typical Properties

- Appearance: Dark-Brown Viscous liquid
- Flash point: 80°C
- Pour point: -16°C
- Specific gravity: 0.94

### Recommended Treatment

- A typical range is 4-12 ppb. The preferred ratio of NEOMUL® P and NEOMUL® S is 3:1 to 2:1, but a pilot test is required for optimal results
- For every pound of NEOMUL® P that is added to the system, add 0.5 ppb of lime

### Package

- 55 GAL DRUM

