



Technical Data Sheet

MF-55

Product Description

MF-55 is a high molecular weight non-ionic liquid polymer that encapsulates solids.

MF-55 does not increase the plastic viscosity and yield point, as anionic polyacrylamide will. This enables the optimum rheology and allows their addition in adequate quantities for shale inhibition.

Applications: **MF-55** primary function is to minimize the disintegration and dispersion of clays and shale. This will enable larger solids to be transported to the surface for removal and improve wellbore stability. **MF-55** is best in low salinity environments.

Treatments: the initial treatment is 0.03 to 0.1 gal./bbl. And prior to drilling hydratable shale section. Maintenance treatment levels per 100 feet of hole drilled will vary from 1 to 4 gallons, depending on the hole size and condition of cuttings.

KEY BENEFITS

- Provides solids encapsulation
- Improves solids removal
- No increase in viscosity

Key Properties

pH	8.0 - 9.0
Color	Off White
Physical Form	Liquid
Sg	1.07 - 1.10
Temp Rating	<400°F
Hardness	<200 mg/L
Packaging	5 gal pail