



Technical Data Sheet

MAXX FORCE MOD

Product Description

MAXX FORCE MOD polymeric viscosifier for oil and synthetic based drilling muds offers an engineered rheological profile to provide low equivalent circulating densities (ECDs) at low concentrations with greater suspension and excellent hole cleaning.

Applications: increasing carrying capacity; suspension of weight material, and controls settling with out the use of other additives. **MAXX FORCE MOD** is effective in densities from 9 to 16 ppg and OWR's from 70:30 to 90:10.

Treatments:

- **MAXX FORCE MOD** viscosifiers activate when mixing with brine in the mud. Adequate mixing should be maintained in pits or frac tanks to sustain rheological profile of mud.
- Recommended loading flow through the hopper is a 55 gal drum per 10–15 minutes or a 5 gal bucket per minute, while maintaining a small, constant stream.
- When making fresh mud, **MAXX FORCE MOD** viscosifiers should be added before the brine. CaCl₂ brine between 10% and saturation are adequate; other brine types may be used after lab or pilot testing.
- Avoid overtreatment due to viscosity rise from increased low gravity solids.
- Normal loading ranges from 0.5 to 5.0 lb/bbl (1.43 to 14.3 kg/m³) depending on brine concentration

KEY BENEFITS

- **Low concentrations for superior hole cleaning.**
- **Increases LSRV and gels for improved hole cleaning for deviated wells.**
- **Real time response with no waiting time for rheology modifiers to yield.**

Key Properties

pH	6.5—8.0
Insoluble in	Water
Emulsifier	Anionic
Sg	1.00
Max Temp	500 °F
Packaging	55 gallon drum or 275 gallon tote