



Technical Data Sheet

POLY FORCE NANO LV

Product Description

POLY FORCE NANO LV is a multi functional polymer that works in hazardous environments to provide fluid loss and solids encapsulation. The multi functional benefits provide a higher solids control efficiency that will lower dilution rates. **POLY FORCE NANO LV** can work in harsh environments that include magnesium, calcium, or sodium.

Applications: Lower fluid loss and encapsulate solids in existing or new build systems.

POLY FORCE NANO LV can effectively seals consolidated sands and stabilizes the wellbore.

There is no requirement for enzyme based breaker systems to remove filter cakes with **POLY FORCE NANO LV**. The operator can use a much cheaper and quicker breaker in the form of HCL.

Treatments: Typical treatments range from 3 - 5 lb/bbl. Higher concentrations up to 6 lb/bbl could be required depending hole cleaning conditions.

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

KEY BENEFITS

- Low ECD's
- Cuttings encapsulation
- Provides low dilution rates
- Works in hazardous environments
- Non-damaging to formation

Key Properties

pH	6.0 - 8.5
Color	Off white to white
Physical Form	Powder
Temperature Limit	300°F
sg	0.5 - 0.95
Packaging	25# Sacks