



Technical Data Sheet

VFD - EXP3122

Product Description

VFD - EXP3122 is a highly effective oil wetting agent for invert emulsion fluids that improves the wettability of high solids environment with a higher temperature range.

Applications:

Control of the wettability of solids; and prevent water wet solids.

Treatments:

Typical existing mud treatment concentrations range from 1 to 5 lb/bbl depending on the oil/water ratio, solids content, and type of oil.

For new build systems, a good starting point will be 2 lb/bbl and increase as necessary to oil wet solids with heavier fluid systems.

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

Temperature:

VFD - EXP3122 has a static bottom hole temperature window up to 400°F. This temperature value is based upon normal drill solids content and target product concentrations. As the solids content increases, this will cause strain on the product's ability to perform. Also, as laterals are lengthened, and mechanical stresses are increased, this will negatively impact the performance of the wetting agent.

KEY BENEFITS

- Oil wetting of solids
- Rheological stability
- Improves resistance to contamination

Key Properties

Color	Brown
Physical Form	Liquid
Sg	0.85 - 0.95
Flash point	Not expected to be flammable
Packaging	Drum/Totes