



HIPE MUL – High Internal Phase OBM Emulsifier

INTEGRO
SOLUTIONS

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Description

HIPE MUL is the emulsifier for an innovative advance in non-aqueous fluids in the drilling industry. HIPE MUL uses chemistry previously only available outside the energy sector to bring increased cost savings, flexibility, robustness and simplicity to an OBM drilling program. HIPE MUL allows the flexibility to lower the continuous phase oil content of a non-aqueous mud system to as low as 40% without compromising performance.

Benefits

- The primary advantage of HIPE Mul is that it enables the reduction of the continuous non-aqueous phase in oil-based mud (OBM) to as low as 40%, resulting in up to 50% savings on diesel or base oil.
- HIPE Mud does not sacrifice performance in terms of ROP, Shale Inhibition, Stability or ease of use to realize benefits.
- Cost benefits extend to include savings on base oil, weighting agents, support products, and trucking.
- HIPE Mul simplifies the formulation of oil-based mud (OBM) by eliminating the need for multiple emulsifiers, removing the requirement for lime, and permitting the use of any substance in the aqueous phase.
- HIPE Mud provides increased stability over conventional OBMs.
- Excellent thermal stability and resistance to contaminants.

Applications

- For use in any drilling application using conventional OBMs.
- Reduced oil content enhances its appeal in areas with heightened environmental concerns.
- Especially useful in applications where water flows are expected.
- Cost benefits make it attractive to projects where losses are expected.
- Stability of HIPE Mud make it ideal for kill mud.

Packaging, Handling & Storage

- Packaging: 275 gal tote, 55 gal. drum, Prices vary depending on packaging type.
- Storage: 12 months in original unopened drums/totes.

Physical Properties

Type: Performance Enhancer
Appearance: Amber Liquid
Odor: Bland
Temp. Stability: 375° F
Specific Gravity: 0.86-0.88
See Also MSDS