



Technical Data Sheet

PIPE FREE

Product Description

PIPE FREE is a spotting fluid designed to free stuck drill strings when using invert emulsion drilling fluids.

Applications: Frees differentially stuck pipe by eating away at the filter cake of the fluid. Success is much higher the sooner the pill can be pumped once the drill pipe is stuck

Treatments:

To prepare an unweighted spotting fluid, one 55-gallon drum of **Pipe Free** additive should be added to 50 barrels of diesel, crude or any of the low toxicity oils in a mixing tank. **Pipe Free** can also be prepared by mixing into an existing oil-based mud or other non-aqueous fluid

Best Practices

When building the volume of fluid needed to soak the stuck pipe area, build additional fluid to keep in the drill pipe to pump during the compression and slacking operations.

The additional volume can be anywhere from 0.5 to 2 times the volume needed to cover the stuck pipe area.

KEY BENEFITS

- Spot around the stuck pipe area as soon as possible
- Adds lubricity to help release drill string
- Eat away wall cake

Key Properties

Physical Form	Liquid
Sg	0.93 - 0.97
Packaging	55 gal drum
Flash Point	110-190°F
Water Solubility	Insoluble in water
Boiling Point	350°F