

EXCELLENT PERFORMANCE



ENVIRONMENTALLY SAFE

R-Free Stuck Pipe Release Concentrate

Description: R-Free is an additive used with diesel, mineral oil, or synthetic base oils to form a highly effective spotting fluid to free stuck pipe. Spotting fluids made using R-Free quickly penetrate and “crack” the water based mud filter cake with an extremely high fluid loss and solids free filtrate. These features allow spotting fluids made with R-Free to pass through the water based filter cake between the stuck pipe and the well bore wall to facilitate freeing differentially stuck pipe.

Physical Properties:

☞ Appearance.....	Dark Brown Liquid
☞ Solubility in oil.....	Complete
☞ Flash Point.....	> 100 F
☞ Specific Gravity.....	~ 0.90
☞ pH (1% dispersed in water).....	4.0 - 9.0

Advantages:

- ☞ May be mixed with diesel, mineral oil, crude oil, synthetic base oil, or oil based muds
- ☞ May be used in weighted oil-based fluids where well control considerations require weighted fluids
- ☞ Convenient liquid, quick and easy to mix at the location with rig mixing equipment
- ☞ Easy to remember 1 gallon to 1 barrel of diluent oil mixing ratio

Application:

R-Free should be added at the rate of 1 gallon to 1 barrel of diluent oil. R-Free does not become more effective at higher concentrations.

Handling:

Improper handling of this product can cause injuries to workers. Observe all safety precautions shown on the label and on the Material Safety Data Sheet.

R-Free is available in 5 gallon pails, 55 gallon drums, and 275 gallon non-returnable “tote” tanks.

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