



OILSPOT-FT

SPOTTING FLUID PACKAGE

DESCRIPTION

OILSPOT-FT is a specialized mixture of emulsifiers, surfactants, and resins which function to form stable water-in-oil emulsions. The product is a non-hydroscopic, gray powder.

APPLICATION

OILSPOT-FT is used to prepare invert emulsion spotting fluids for freeing stuck drill pipe. OILSPOT-FT contains unique "cake-cracking" surfactants which crack and penetrate water-base mud filter cake, to equalize pressure around differentially-stuck drilling tools. Ordinary sacked spotting fluids do not have this feature.

MIXING RECOMMENDATIONS

Prepare enough pill volume to completely cover the stuck portion of the drill string, plus enough to leave some excess inside the drill string for subsequent pumping.

The chart below gives mixing proportions for 100 bbls of spotting fluid package:

<u>Weight</u> <u>(ppg)</u>	<u>Diesel Oil</u> <u>(bbl)</u>	<u>OILSPOT-FT</u> <u>(sacks)</u>	<u>Water</u> <u>(bbl)</u>	<u>Barite</u> <u>(sacks)</u>
7.7	75	160	5	---
9.0	70	160	4	70
10.0	70	160	4	125
11.0	65	155	4	175
12.0	65	150	4	230
13.0	60	140	4	285
14.0	60	130	4	340
15.0	55	115	3	390
16.0	55	105	3	445
17.0	50	95	3	505
18.0	50	90	3	555

PACKAGING

OILSPOT-FT is packaged in 50-lb or 25-kg (55-lb) net multi-wall bags with polyethylene moisture barrier.

OILSPOT-FT is a Messina trademark