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# FRAC-ATTACK®

*(Complete Package Loss Circulation Pill)*

**FRAC-ATTACK®** is the industry standard as a cure for severe loss situations. It is a fast acting and extremely cost effective solution to lost circulation in many types of downhole conditions including fractures, vugular formations, weak channels and underground cross-flows or blowout situations. As a pre-mixed and packaged pill, **FRAC-ATTACK®** eliminates the guesswork associated with a response to severe losses. **FRAC-ATTACK®** mixes in drill water and is compatible in all types of fluid systems.

## **BENEFITS:**

- Improves formation integrity and remains strong through trips and withstands surge pressures
- Extremely Cost effective
- Used in 3,500+ wells, worldwide- and counting (December 2009)
- Pre-measured and packaged - “Rig Ready” mixing procedures – mix on site
- No Pre-Spots or Spacers Required
- No activators, accelerators or retarders required
- Mixes easily in drill water regardless of mud system being utilized
- No special mixing tanks, equipment or pumps required. Mix in slugging tank
- Not affected by ph or temperature

## **APPLICATION:**

For normal density formulations (12.6 to 19.6 ppg), Add 1 pallet of **FRAC-ATTACK®** for each 20 bbls of desired finished pill volume. **FOAM-BLASTER** is added to this blend at the rate of one 5 gallon pail per 2 pallets of **FRAC-ATTACK®**. It is desirable to spot the **FRAC-ATTACK®** pill at or near known loss zones. In the case of unknown zones, adequate volumes to cover likely or possible zones should be used while having adequate squeezable volume remaining. This will ensure coverage following a step-by-step pressure up procedure where it is possible to de-water the pill and effect the cure. Contact a Strata Control representative for tailor made formulation, spotting recommendations and technical assistance.

## **PACKAGING:**

- Pre-packaged in 1600 Lbs - Full Pallet Units
- 40 pound paper bags - 40 bags per pallet.
- Palletized and Shrink-Wrapped

**“THE MUD STOPS HERE!®”**