



# CLAY BREAKER

Clay Dispersant

## DESCRIPTION

**CLAY BREAKER** is a phosphate-free, thermally-stable thinner and dispersing agent, acting quickly to break up mud rings and clay deposits on the bottom hole assembly (BHA). **CLAY BREAKER** is also very effective at controlling viscosity in water-based drilling fluids.

## APPLICATIONS

**CLAY BREAKER** is primarily used to prevent bit balling, mud rings and to control drilling fluid viscosity. It also breaks down reactive clays that have caused stuck pipe. **CLAY BREAKER** can be used by itself or mixed with small amounts of POLY VIS HV/RD products for increased durability and lubrication.

## ADVANTAGES

- Minimizes bit and BHA balling and mud rings
- Disperses clays and quickly penetrates sticky clays that may cause stuck tooling
- Works quickly to alleviate hole problems and reduce costly pulling times or lost pipe
- Helps free stuck pipe
- Can be used to thin bentonite based muds systems

## TYPICAL PROPERTIES

Physical Appearance	Amber liquid
pH(1% solution)	7.0 – 8.0
Specific Gravity	1.3

## USAGE

Sticky clays

1-2 litres per 1000 litres

Bit balling / mud rings

0.5 – 1.0 litres per 1000 litres

To thin a drilling fluid, slowly add **CLAY BREAKER** to the suction pit over a complete circulation to reduce the fluid viscosity.