



**CAN MUD**  
SUSTAINABLE DRILLING FLUID SYSTEM

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# CAN-PLUG

## DESCRIPTION

CAN-PLUG is one of the most effective loss circulation materials on the market! This super absorbent dry polymer is capable of growing up to 100 times its original size and can absorb 400 times its weight in water. CAN-PLUG is available in two different blends to accommodate various drilling scenarios, CAN-PLUG **fine** is safe to add to your mud system to address drilling through heavily fractured formations. CAN-PLUG **coarse** is intended to use as a pill by pouring it down the rods with the tube pulled to solve problems like voids or aquifers.

## APPLICATION

CAN-PLUG **fine** can be added to your mud system to ensure the healthy circulation of your drilling fluids in fractured formations. CAN-PLUG **coarse** should be used as a pill, to solve more acute problems such as filling voids or to hold back aquifers so you can continue drilling.

## ENVIRONMENTAL BENEFITS

- Environmentally conscious
- Less water consumption as enables water return
- Easier disposal
- Less waste
- Less CO2 emissions

## ECONOMIC BENEFITS

- Reduces water consumption
- Provides the opportunity to recirculate the mud
- Reduces the need to use multiple products
- Less dosage per mix, minimizing overall cost
- Reduced cost per meter

**"I like to use CAN-PLUG as a pill  
and pump it down the rods!"  
- Derek McDriller**



## 5 STAR MUD SYSTEM IN 4 EASY STEPS!

BASED ON A 1,000 LT MIXING TANK

### CAN-PLUG FINE IN YOUR MUD SYSTEM

- 1** This step is optional, but to get the best out of any mud system, a PH of 10 is optimal, though 8-10 is great! Add 1 liter of Soda Ash to a tank half full of water and mix for 1 minute, the result should be a PH of 8-10.
- 2** Pour 1 - liter of CAN-LUBE into an empty container.
- 3** Add 1 liter of CAN-DRILL or CAN-CORE to the CAN-LUBE and premix well. Add CAN-DRILL if more viscosity is required.
- 4** Add the premixed combination of CAN-LUBE and polymer to your mixing tank, then add 0.5 -liters of CAN-CLAY to the mix if needed. Add 1KG of CAN-PLUG fine and finish filling with water while continuing to mix. Mixing the full tank for 10 minutes should result in a viscosity of 42-60 seconds.

### CAN-PLUG COARSE AS A PILL

- 1** Pour 1kg of CAN-PLUG coarse into an empty container and mix it with water, or for best results, add drilling fluid from your mud system to create an extra sticky pill.
- 2** Allow CAN-PLUG coarse 20 minutes to hydrate and expand in the fluid.
- 3** Pull up your core barrel and lift the rods a few inches from the bottom.
- 4** Pump the pill down through the rods to the problem area and let sit for approximately 20-30 Minutes.