

G-STOP

Fine, Medium, and Coarse

LOST CIRCULATION MATERIALS

G-Stop is a polymer that will expand 300 times its volume in fresh water (50 times in salt water). This remarkable property makes it an excellent medium for plugging fissures and cracks encountered in drilling operations preventing the further loss of drilling fluid.

FEATURES & BENEFITS

- Stop lost circulation to formation by plugging fissures in rock.
- Bond loose rock together and prevent sloughing.
- Provide lubrication in loose, abrasive broken ground conditions.

PHYSICAL PROPERTIES:

Appearance: Grey to light brown granules
1/8" granules - .040" granules available

Granule Density: 0.5

Specific Density: 1.5

Viscosity: The water viscosity is not changed initially

CHEMICAL PROPERTIES:

Type: Hydrophilic polymer

Solubility: Insoluble

Enlargement: 300 times its volume in fresh water

Required Time:

30 minutes for 50% enlargement

90 minutes for 100% enlargement

Resists: Alcohol, bases and acids

Not biodegradable

MIXING & HANDLING

Mix the **G-Stop** directly in the tank with 200 times its volume water. Wait 10 minutes. Inject the mixture into the drill string. Inject a volume of water to move mixture to the correct location. Wait 20 minutes. Drill. If the problem persists attempt treatment a second time.

OR

Place 1 gallon of dry **G-Stop** in a 20 liter pail with 10 liters of water. Allow **G-Stop** to partially swell. Add 1 liter of partially swollen **G-Stop** to the rods after the core tube has been pulled. Pump down hole and replace inner tube. Repeat as necessary to stop loss.

WHMIS: Not controlled

TDG: Not regulated

Packaging: 17kg (37lb) pail

