

# Drilling Fluids - Foam & Detergents

## Drill Foam



Product Number: 9410047

### Applications

Drill Foam is used as a foaming agent in air-drilling applications and can be used for dust suppression, mist, foam and stiff-foam drilling.

### Advantages

- Produces stable, consistent foam in all types of water
- Environmentally acceptable and biodegradable
- Improves hole cleaning and penetration rates
- Biodegrades in 28 days using the OECD-301D test

DRILL FOAM is a water-soluble, biodegradable foaming agent. Drill Foam has the ability to foam in fresh, brackish or salty waters. It will not contaminate streams or groundwater and presents no disposal problems.

### Method of Addition

- For dust suppression or bit balling in damp formations: Mix 1/3 to 3/4 pints (0.2 to 0.4L) per 50 gal (189 L) of water
- For mist drilling with moderate amounts of water intrusion: mix 1.5 to 3 pints (0.5 to 1.5 L) per 50 gal (189 L) of water
- For foam drilling with excessive amounts of water intrusion: Mix 6 pints (2.9 L) per 50 gal (189 L) of water
- For slug drilling: 1/3 pint (0.2L) in 2 gal (7.6 L) of water
- Stiff foams: To obtain desired viscosity, mix TIME Drill Liquid or Liquid Mud Plus in injection tank to 32 sec/qt and stir in 3/4 gal (3L) of Drill Foam.

### Typical Physical Properties

Physical appearance	Amber Solution
Specific gravity	1.053
pH (1% solution)	6.5 – 7.5

### Packaging and Storage

Drill Foam is packaged in 5 gal/18.9 L buckets.

Store in a well-ventilated area away from sources of heat or ignition

