



THINZ-IT®



Product Information

Description

THINZ-IT® is a highly concentrated thinning agent for use in fresh water drilling mud. It is effective in breaking down and thinning drilling fluids. When injected as a “slug” or “pill”, **THINZ-IT®** will induce the breakdown of the wall cake along the borehole before well completion. It is also effective in thinning and dispersing fluids used in slurry cut-off walls. Its resistance to calcium contamination makes it ideal for this application in cement-bentonite trenches and walls.

Characteristics

- Non-toxic -- no heavy metal content
- Non-foaming
- Reacts immediately
- Active at all pH levels
- Temperature stable to 350°F
- Assists in shale stabilization
- Helps drop drill solids

Application

MUD THINNING
For general thinning and to aid in the dropping of drill solids, add 1-2 pints per 100 gallons of drilling mud at flow line or fluid return and circulate slowly into fluid volume.
COMPLETION AND SCREEN CLEANING
Slug with 2-5 gallons of THINZ-IT® at the suction and pump into producing zone. This will induce wall cake breakdown and break accumulated clays to enhance production. The bore hole should be completely flushed with clean chlorinated water to remove all THINZ-IT® before the well is placed in service.
SLURRY WALL APPLICATIONS
In slurry wall applications, apply at 1-1.5 pints per 100 gallons.
EQUIPMENT CLEAN-UP
Mix 1 gallon of THINZ-IT® with 100 gallons of clean water and circulate through pump, lines and hoses to break down accumulated clays and solids. Circulate for 10-15 minutes and back-flush, if possible.

Casing diameter (Inches)	Addition Rate per Foot of Water
2	0.0005
4	0.0021
5	0.0030
6	0.0044
8	0.0078
10	0.0123
12	0.0176
14	0.0240
16	0.0314
18	0.0397
20	0.0490
22	0.0593
24	0.0705
30	0.1100
36	0.1587
48	0.2820

Find the casing size in the chart and go across to find the application rate per foot of water in the well. Multiply the addition rate by how many feet of water there is in the well. Example: 8" casing requires 0.0078 gal/foot of water. The well has 565 feet of water. 565 x 0.0078 = 4.41 gal. of **THINZ-IT®** to clean the well.

*Addition rate includes 50% increase for water volume in gravel pack.

Packaging

THINZ-IT® is packaged in 5 gallon plastic pails and cases of 4 – 1 gallon plastic bottles.

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