



Technical Data Sheet

WONDERNUT STICK

Product Description

WONDERNUT STICK are condensate-dispersible water-soluble stick containing a combination of surfactants and friction reducers. This stick will perform in salt and fresh water systems.

Applications:

WONDERNUT STICK are primarily recommended for use to increase the drilling efficiency and life of the drill bit. The slick coating and foaming action increases the efficiency of the drilling process by preventing the clays from sticking and balling up on the drill bit while drilling operations are going on.

This same slick coating and foaming action will also help prevent the jets on the drill bit from plugging, thereby optimizing mud and cutting returns to the surface and improving drill bit penetration into the ground formations.

Treatments:

Field tests indicate that the following recommended usage achieves best results under normal drilling operations.

Stick size: 1 ¼ X 15

Recommended usage: 3 to 4 sticks per joint drill stem added.

Note: Number of sticks required may vary from one drilling operation to another. Mud weight, drilling depth and water weight can also affect usage.

To determine optimum treatment, gradually increase or decrease the number of sticks until reaching the most economical treatment point.

KEY BENEFITS

- Increases the drilling efficiency and life of drill bits
- Prevents Bit Balling in soft sticky surface formations
- Improves ROP
- Increases the life of pump swabs

Key Properties

Color	Black waxy stick
Physical Form	Solid
Specific Gravity	1.085 - 1.96
pH	6.5 - 8.0