Diacel® WBS-200 Powder Cement Spacer System

Water-Based Spacer

Diacel® WBS-200 Powder Cement Spacer System is a special mixture of amorphous silica and water-soluble polymers for use in the preparation of a water-based cement spacer for the separation of water-based drilling fluids and cement slurries. The concentration of Diacel® WBS-200 Powder Cement Spacer System may be varied to achieve the desire flow properties needed in a particular well. Diacel® WBS-200 Powder Cement Spacer System is compatible with commonly used cement and water-based drilling mud additives. A water wetting surfactant may be added to this formulation to make it compatible with oil-based mud.

Application Areas

- Fresh water or sea water

Typical Range of Use

Temperature	upper limit ~ 230°F BHCT
Concentration	3.0 - 10 lb/bbl of mix water
Density	8.4 - 20 lb/bbl

Physical Properties

- Gray powder
- Specific gravity = 2.2 g/cm^3
- Disperses in water