

BDC-043 cement friction reducer



BDC-043 is a sulphonated organic polymer 60-100% active used in cementing compositions as a dispersant additive to improve rheological properties of slurries. It lowers the friction pressure of a given slurry permitting turbulent flow to be achieved at a substantially lower displacement rate.

Application

BDC-043 is highly salt respectively electrolyte tolerant, and can be used in slurries with salt concentrations greater than 18% bwow. Product is compatible to all common fluid loss polymers and is effective at temperatures higher than 15 deg. C. It is compatible with all classes of API- cement.

Benefits

- Reduces apparent viscosity, while minimizing free water separation and settling.
- Enables slurries to be pumped in turbulence at lower pressures, thereby decreasing the chances of lost circulation and premature dehydration.

Dosage

BDC-043 can be used in concentrations of 0.3% to 1.5%. bwow.

Properties

Physical form	red-brown powder
Solubility	soluble in water
Moisture content	<4.5%
pH	8-11

Brookfield viscosity	<100 cP
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Packaging

50 lb multiply paper bags. BDC-043 must be stored inside at room temperatures.