



TECHNICAL
INFORMATION
SHEET

SUPER ZONE CONTROL

Zone Control & Super Zone Control are specifically formulated for water-based spacer fluids in cementing applications where lost circulation has been encountered while drilling or anticipated during cementing operations.

When used during drilling operations, it can be spotted through the drill pipe and bit to stop loss circulation and/or brine flows. When used as a spacer ahead of cement slurries, Zone Control helps to prevent cement loss to weak zones. It also improves the bond of the cement to casing and cement to formation by forming a sheath across permeable zones.

Zone Control is used in cases of slight lost circulation, and Super Zone Control is used for more severe cases of loss circulation.

Zone Control is compatible with the drilling fluid, but can be very reactive with the cement slurries. A catalyst added between the Zone Control and cement prevents any contamination.

Keeping the drilling fluid and cement separated during the cementing operation is also crucial. Once the drilling fluid has been contaminated with the leading edge of the cement slurry, proper mud removal is almost impossible. The cement will “finger” through the contaminated mud and cement failure.

Being a Newtonian fluid, Zone Control is easily placed into turbulent flow in the annulus aiding in effective mud removal.

Volumes of Zone Control being used are a minimum of 10 Bbls to as high as 20 Bbls per job.