

Ultra Seal® C

Ultra Seal® C composed of cellulose vegetable fibers blended in a medium to coarse grade for application in the form of sweeps or spots within the active drilling fluid. The product is coated with a mineral oil and compatible with both WBM and OBM systems.

BENEFITS

Ultra Seal® C have been used by major operators in the Gulf of Mexico for the following applications:

1. **Lost Circulation Material:** Helped seal off sections of the hole that were losing partial mud returns.
2. **Torque and Drag Reducer:** Has reduced torque and drag in high angle holes across sand zones.
3. **Sealing Depleted Sands:** While drilling depleted sands and having differential sticking problems, Ultra Seal® XP and **Ultra Seal® C** helped seal those sands and prevent from sticking.
4. **Running Casing in High Angle Holes:** Ran casing after spotting Ultra Seal® XP across sand zones. Had no problems running casing in a 78 degree deviated hole and got full cement returns which had not been seen in other similar jobs.

PARTICLE SIZE DISTRIBUTION:

Ultra Seal® C has a broad particle size distribution and is designed to solve partial to total loss circulation.

Dv (10)	20 µm
Dv (50)	185 µm
Dv (90)	1100 µm

CONCENTRATIONS

Lost Circulation: A 50-200 barrel pill of 40-60 lbs/bbl; **Ultra Seal® Plus** should be mixed and spotted as a sweep or a spot across the loss zone.

Ultra Seal® C is packaged in 25 lb multi ply bags with a PE liner, 48 sacks per pallet.