



enventives

CLEAN SEAL™ WD

RECOMMENDATIONS

Pretreat the active system with 2-10 lbs/bbl of Clean Seal™ WD. In the event of more severe loss mix 10-20 lbs/bbl in the slugging pit and pump sweeps every stand to mitigate losses.

In severe cases of whole fluid loss or losses of more than 30 bbls an hour consider mixing in slugging pit 20-50 lbs/bbl Clean Seal™ WD and sweeping the hole or spotting the pill in the wellbore.

For more severe loss circulation events Clean Seal™ WD can be used in conjunction with Ven-Fyber Seal™ products, Remedy™ and Quick-Squeeze™ to provide additional sealing effects and enhanced well bore stability.

BENEFITS

Clean Seal™ WD provides a broad PSD for effective remediation of lost circulation.

Clean Seal™ WD is over 98% Acid Soluble for ease of cleanup in reservoir formations with typical acid based completion operations.

GENERAL INFORMATION

Clean Seal™ WD is our surface modified Acid Soluble mineral fiber with our Quick2Mix technology which water wets up to 10 times faster than other mineral fibers offered to the oil and gas industry. Clean Seal™ WD provides an Acid Soluble solution for the reduction of seepage loss, control of fluid loss, as well as the enhancement of well-bore stability and strengthening. Clean Seal™ WD has been engineered to aid in the remediation of partial to severe loss of circulation in your payzone and other formations where clean out is essential. Clean Seal™ is greater than 98% acid soluble in either organic or mineral acids for ease of removal during to well completion stage.

Clean Seal™ WD™ is a blend of Acid Soluble particles and plugging agents specifically engineered to bridge and seal permeable formations. Clean Seal™ WD is designed for use in water, but can also be used in oil or synthetic based drilling fluid systems. Clean Seal™ WD products do not affect the rheological properties of drilling fluid systems.

Clean Seal™ WD is effective at both preventing loss circulation from occurring and in treating loss circulation after it has occurred. Clean Seal™ WD can be used in combination with other lost circulation materials to control partial to severe losses and to increase wellbore stability.

2-10 lbs/bbl applications of Clean Seal™ products are common for providing prevention of lost circulation and larger concentrations of 5-40 lbs/bbl are common for the remediation of more severe loss of circulation.

TYPICAL PROPERTIES

Composition	: Graded Acid Soluble particles
Form	: Powder, Lumps
Color	: white to Gray
pH	: ??
Solubility:	: soluble in acids

PACKAGING

Clean Seal™ WD is packaged in 25 lb. Kraft paper bags, 50 bags per pallet. Special packaging requirements will be quoted upon request.

PRECAUTIONS

See the Safety Data Sheet for more detailed information concerning storage, handling, transportation, disposal and safety requirements.