



REMEDY X™

Fine/Med LCM

GENERAL INFORMATION

Protect your formation from fluid invasion, protect your drilling fluid from thief zones and protect your AFE from unnecessary losses. Remedy X™ Protect has been developed by the experts in seepage loss control and loss circulation additives at enventives in order to supply an improved single sack solution for partial to severe loss of returns. Remedy™ is engineered to provide a precise variation of particle types and sizes that maximize the sealing of formations prone to loss circulation.

Remedy X™ may be utilized in Oil-based and Synthetic-based fluid systems as well as Water-based fluid applications. Remedy™ has been specifically developed as a simplified treatment consisting of an engineered combination of bridging and sealing agents in a single sack designed to pre-treat the drilling fluid system to minimize seepage loss and whole fluid loss prior to drilling known thief zones such as depleted sands, fractured formations or vugular formations. In the instances when pre-treating of the drilling fluid is not successful sweeps and pills may be necessary to mitigate losses. In extreme cases Remedy X™ may be pumped ahead of a Quick Squeeze™ treatments to maximize plugging effects.

Remedy X™ has the finest particle size distribution of the Remedy products and has been specifically engineered to provide a superior seal in permeable formations prone to developing into severe loss zones such as sand stones, silt stones and the like. To achieve the superior surface of the wellbore, seal the Remedy X™ formulation trade of is in some of its ability to be soft squeezed in pill applications. Like all of the Remedy™ products, Remedy X™ aides hoop stress enhancement and increased fracture closure stress. Lost circulation and wellbore breathing are caused from to drilling fluid invading the formation as a result of either hydraulically induced fractures or to permeable formations or other types of thief zones such as natural fractures, vugs and faults. Remedy™ seals the wellbore fractures and isolates the fracture tips resulting in a stronger and more stable wellbore.

Remedy™ provides a quick, effective and economical solution for partial to severe loss circulation events. Adding Remedy™ to your drilling fluid program is a formula for success. In accordance with best practices pilot testing is recommended to ensure compatibility.

RECOMMENDATIONS

25-100 bbl sweeps with 15-60 lb/bbl of Remedy X™ have been highly successful in the prevention and remediation of whole fluid losses.

4-10 lb/bbl treatments of the active fluid system have been successful in the elimination or reduction of whole fluid loss to thief zones while promoting strong thin filter cakes and enhancing the hoop stress of the weak formations.

High viscosity treatments may be necessary to treat the most severe lost circulation events

Due to variations in base oils and synthetic base oils and the effects on barite, pilot testing is highly recommended to determine precise formulations. Slurries that become to thick should have up to 1.0 bbl of wetting agent added to aid in thinning the slurry.

BENEFITS

Reduce drilling non-productive time due to lost circulation.

Environmentally Safe and Non-Toxic Compatible with all fluid Systems Provides mechanical sealing Improve wellbore strength Can be soft squeezed into thief zones Promotes formation of strong thin filter cakes Aides in the prevention of differential sticking Pre-Mixed Blend of Particle types and sizes. Prevent severe loss of circulation from occurring.

PACKAGING

Remedy X™ 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.

TYPICAL PROPERTIES

Composition	: Wide range of graded particles, bridging and sealing agents
Form	: Powder
Colour	: Grey to White
Bulk Density (lb/cu. ft)	: Compacted 20-35 : Uncompacted 10-25
pH	: 6.0 - 8.0
Solubility	: Partially soluble in water



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