



REMEDY AS™

LCM with % of Acid Solubility

GENERAL INFORMATION

Protect your formation from fluid invasion, protect your drilling fluid from thief zones and protect your AFE from unnecessary losses. Remedy AS™ has been developed by the experts in seepage loss control and loss circulation additives at enventives. Remedy™ incorporates the revolutionary Quick2Mix™ technology in order to supply an improved easy to mix single sack solution for partial to severe loss of returns. Remedy AS™ is engineered to provide a precise variation of particle types and sizes that maximize the sealing of formations prone to loss circulation. A large percentage of the product is acid soluble for ease of clean-up and the Remedy AS product is designed with protection of producing zones in mind. In formations or fluids where a spike in pH may cause concern or wellbore issues Remedy AS™ is your go to product for prevention or remediation of whole fluid loss.

Remedy AS™ may be utilized in all fluid types and applications. Remedy AS™ has been specifically developed as a simplified treatment consisting of an engineered combination of bridging and sealing agents, many of which are acid soluble, in an easy to mix 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 AS™ may be pumped ahead of a Quick-Squeeze™ treatment to maximize plugging effects. Lost circulation and wellbore breathing are caused from drilling fluid invading the formation as a result of either hydraulically induced fractures or highly permeable formations such as natural fractures, vugs and faults. Remedy AS™ seals the wellbore fractures and isolates the fracture tips resulting in a stronger and more stable wellbore. Remedy AS™ provides an effective solution for partial to severe loss circulation. The recommended Plan A of pre-treating the active mud system in anticipation of known thief zones has prevented the need to apply Remedy AS™ in its Plan B pill and sweep application in response to initial signs of lost circulation. 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 AS™ 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 too 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.
- Pre-Mixed Blend containing a large percentage of acid soluble particle types and sizes.
- Environmentally Safe and Non Toxic, Compatible with all fluid Systems, Provides mechanical sealing to improve wellbore strength.
- Prevents severe loss of circulation from occurring.
- Can be used in conjunction with other enventives LCM products. Can be spotted or pumped ahead of Quick-Squeeze™ applications in extreme loss circulation instances.

PACKAGING

Remedy AS™ 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
Color	: 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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