



REMEDY SC™

Stress Cage Technology

GENERAL INFORMATION

Remedy SC™ was designed to rapidly provide a stress cage fracture seal and prevent losses while drilling. Remedy SC™ provides a wide PSD (particle size distribution) that provides a matrix of particles to produce a quick and precise fracture sealing material that will protect your formation from fluid invasion, protect your drilling fluid from thief zones and protect your AFE from unnecessary losses. Remedy SC™ has been developed by the experts in seepage loss control and loss circulation additives at enventives. Remedy SC™ 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™ is engineered to provide a precise variation of particle types and sizes that maximize the sealing of formations prone to loss circulation and Remedy SC™ is specifically designed to improve wellbore strength (Stress Cage) and help reduce drilling non-productive time due to lost circulation.

Remedy SC™ may be utilized in Oil-based and Synthetic-based fluid systems as well as Water-based fluid applications. Remedy SC™ has been specifically developed to increase the hoop stress in the near wellbore region, providing increased wellbore pressure containment ability. This is accomplished by placing

plugging materials in an induced fracture that prevents further pressure and fluid transmission to the fracture tip. In extreme cases Remedy SC™ may be pumped ahead of a Quick-Squeeze™ treatment to maximize plugging effects.

Specifically engineered for protecting your well bore integrity as Remedy SC™ aides in hoop stress enhancement and increased fracture closure stress. 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 SC™ seals the wellbore fractures and isolates the fracture tips resulting in a stronger and more stable wellbore. Remedy SC™ 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 SC™ 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

RECOMMENDATIONS

25-100 bbl sweeps with 15-60 lb/bbl of Remedy SC™ 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.

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 SC™ 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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