

MULTI-SEAL

BLENDED LOST CIRCULATION MATERIAL

DESCRIPTION

MULTI-SEAL is a select blend of four types of materials normally used for lost circulation. A flake material (cellophane), a granular material (nut shells), fine fibrous material (ground paper), and coarse fibers (cedar fibers). MULTI-SEAL is blended in the proper ratio to produce the most effective seal. MULTI-SEAL contains no fermenting materials or materials that chemically change the rheological properties of the fluid, even polymer mud's.

RECOMMENDED USE

MULTI-SEAL is used to stop the most costly loss returns which are the unexpected. MULTI-SEAL plugs formations that contain fractured sandstones, unconsolidated or highly permeable formations, natural fractures or voids, and cavernous type loss zones. MULTI-SEAL is specially formulated for all loss circulation conditions.

ADVANTAGES

- Assists in forming a fast effective bridge
- Blended to have the proper particle size for maximum plugging
- Most effective loss circulation material available
- Regains circulation quickly

CHARACTERISTICS

APPEARANCE

- coarse fibers (cedar fibers)
- fine fibrous material (ground paper)
- flake material (cellophane)
- granular material (nut shells)

MIXING AND APPLICATION

MULTI-SEAL concentrations will vary in different type fluids depending on weight and viscosity. As a preventive measure in concentrations of 2-10 lbs per 200 gallons (1-5 kg per 750 liters). As a "pill" mixed with the mud being used at concentrations of 15-20 lbs per 200 gallons (7.50-10 kg per 750 liters). These are recommendations only. The concentrations will vary depending on the mud weight, viscosity, and type of loss circulation involved.

PACKAGING

40 lb (18 kg) bag, 60 per pallet. All pallets are plastic-wrapped.

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