

INFORMATION

KLEEN-BLOCK-X

ACID-SOLUBLE BRIDGING PARTICLES

DESCRIPTION

KLEEN-BLOCK-X is a blend of maximum sized calcium carbonate particles for use as a bridging material in highly porous zones. Used in conjunction with KLEEN-PIL, it will bridge across large pore openings and allow the smaller particles in KLEEN-PIL to form an effective seal. KLEEN-BLOCK-X is particularly effective in vuggy or fractured formations.

APPLICATION

KLEEN-BLOCK-X is designed for use in highly porous or fractured formations where smaller particles are not effective. Fluids containing high concentrations of KLEEN-BLOCK-X will tend to bridge and cause plugging if pumped through one-quarter inch or smaller orifices. Some typical applications of KLEEN-BLOCK-X are:

1. Treating excessive loss of fluid in a KLEEN-OVER/KLEEN-COMPLETE system. Treat by adding a few bags of KLEEN-BLOCK-X at the pump suction. If this controls the loss, then add 10-20 ppb of KLEEN-BLOCK-X to the system and continue. If the excessive loss is not cured by treating at the suction, then prepare a lost circulation pill as below.
2. Preparing a lost circulation pill or protective slurry for producing zones. When loss is severe and highly porous or fractured formation exists, prepare a pill by mixing 50 ppb of KLEEN-PIL and 50 ppb of KLEEN-BLOCK-X. If voids are suspected, the pill may be spearheaded by several bags of KLEEN-BLOCK-X dumped at the pump suction. Producing formations may be protected from excessive damage caused by loss of large amounts of fluid by spotting a slurry across the zone before beginning workover operations.
3. Treating lost circulation in drilling muds. Conventional drilling muds may be treated similarly to KLEEN-PIL systems when loss of fluid becomes excessive. Treat by adding a few bags of KLEEN-BLOCK-X at the pump section. If this controls the loss, then add 10-20 to the system or batch treat as required.

MIXING PROCEDURE

KLEEN-BLOCK-X is easily mixed in any type of fluid, and should be added through a hopper to ensure even distribution. KLEEN-BLOCK-X will rapidly settle out of non-viscous fluids.

PACKAGING

KLEEN-BLOCK-X is packaged in 50 lb bags.

KLEEN-BLOCK-X is a Messina trademark