

ChemSol

DRILLING FLUID PRODUCTS

ZINC OXIDE

PRODUCT DESCRIPTION

Zinc Oxide is a fine particle sized sulfide scavenger which affords fast, efficient, sulfide scavenging. It reacts with sulfides to form ZnS. This precipitate is an insoluble, inert, fine solid that remains harmlessly in the mud system or is removed by the solids-control equipment.

RECOMMENDED TREATMENT

Zinc Oxide is effective at all pH levels found in drilling fluids. It is recommended that a pH above 11 be maintained whenever H₂S is expected.

PRODUCT ADVANTAGES

- Has a higher percentage of zinc compared to other sources of zinc such as basic zinc carbonate, zinc sulfate or zinc chromate.
- Helps remove that hazard of dangerous H₂S gas escaping to the surface.
- Zinc Oxide can be used in oil and synthetic based fluids, but pilot testing is recommended.

TYPICAL CHEMICAL SPECIFICATION AND PROPERTIES

Physical Appearance:	White to off white powder
Specific Gravity:	5.4 – 5.6
Bulk Density:	164lb/ft ³

PRODUCT HANDLING

Review all product specification and MSDS information prior to product application. Utilize chemical handling equipment and personal protection apparel (i.e. goggles & gloves) as specified in product MSDS when handling this material. Avoid inhalation and direct contact with eyes.

STORAGE

Store Zinc Oxide in dry conditions and prevent exposure to moisture.

PACKAGING

Zinc Oxide is available in 50lb multi-wall bags.