

# Anco BX

*Solutions Through Technology..... Environmentally Friendly Chemicals*

## Product Description

**Anco BX** is a dry powdered compound, used as a complexing agent/extender for bentonite clay. **Anco BX** systems provide extraordinary hole cleaning properties. It has instantaneous, effective, suspension of all solids carried in the fluid when circulation is stopped. **Anco BX** fluids quickly revert to a liquid state when circulation is re-initiated after connections and trips. ECD, Surge, and Swab pressures are lower than traditional clay based fluids with similar rheological properties. It can be thinned quickly and effectively with a minimal amount of conventional anionic thinner.

## Application

**Anco BX** is used with bentonite clay to produce extended viscoelastic rheology in water based systems. It is used to prepare and maintain fluids with extraordinary hole cleaning and suspension properties. **Anco BX** systems are applicable when drilling high angle and horizontal well sections, unconsolidated or unstable formations, and for casing milling and cutting operations.

## Recommended Treatment

**Anco BX** is used in combination with Anco Gel Premium (untreated bentonite) to develop the desired rheological properties. **Anco BX** should be used with Anco Gel Premium at a per pound ratio of 0.1 lb / 1.0 lb. (Example; for a system which will utilize 10 lbs/bbl of bentonite, .04 lb/bbl of **Anco BX** is required). The amounts of Anco Gel Premium and **Anco BX** required will vary with the viscous properties desired. Pilot testing to determine the amount of products required, is recommended prior to formulating the fluid. The incorporation of bentonitic drilled solids into the fluid system will occasionally require minor additions of **Anco BX** and/or water to maintain the desired rheological properties of the fluid. **Anco BX** should be added to the system through the chemical hopper. The use of anionic mud additives should be avoided when utilizing an **Anco BX** fluid. Non-ionic and cross-linked polymers such as Anco Mel, or very Low-DS CMS should be used to control the filtration rate of **Anco BX** system.

## Handling

Always wear proper Personal Protective Equipment. Wash hands thoroughly after use. Avoid contact with eyes. If contact occurs, flush eyes immediately with water for 15 minutes while holding eyelids open. Avoid inhalation, only use in well ventilated areas. *See SDS for further details regarding the safe use of this product.*

## Storage

Store in closed containers, in an area protected from precipitation and contact with moisture.

## Packaging

**Anco BX** is packaged in 2 lb plastic bags – 25 bags per box

## Typical Chemical and Physical Properties

|                  |                         |
|------------------|-------------------------|
| Appearance ..... | Fine crystalline powder |
| Color .....      | White to off-white      |
| Odor .....       | None                    |
| Solubility.....  | Dispersible in water    |