

CORROSION INHIBITION

CORROSION INHIBITOR STICKS™ Type "B" are water soluble designed to release corrosion inhibitor and control corrosion from various sources. **Type B CORROSION INHIBITOR STICKS™ contain Amine Salt in stick form.**

PRODUCT USES & ADVANTAGES:

CORROSION INHIBITOR STICKS™ TYPE "B" are primarily used to control corrosion in water injection systems (tanks, wells, and lines) and down hole applications.

CORROSION INHIBITOR STICKS™ Type "B" can be used to treat certain hard to reach areas in water injection systems. Dead Areas such as in the rat-hole, annulus space above the packer, and the bottom of the water supply tanks may be reached and more easily treated with **CORROSION INHIBITOR STICKS™ Type "B"**.

CORROSION INHIBITOR STICKS™ Type "B" can be used to control corrosion in oil wells, gas wells and cooling towers.

CORROSION INHIBITOR STICKS™ Type "B" are very economical (as compared to conventional corrosion control operations) and saves investment in pumps, drums of chemical, and maintenance.

TREATMENT DETERMINATION & PROCEDURE

The number of **CORROSION INHIBITOR STICKS** required is based on the severity of the problem being encountered and volume of water to be treated. The best results are achieved by using a larger initial slug treatment (400 PPM daily) until problem is under control then reduce to smaller periodic treatments (200 PPM daily) thereafter. EXAMPLE: An initial slug treatment of 400 PPM would require 3.2 lbs of Corrosion Inhibitor Sticks™ per 24 BBL (1,000 gal.) of water to be treated.

PART NUMBER	STICK SIZES	STICK RATIO INITIAL SLUG TREATMENT
ACL-6110	5/8 X 15	1 STICK PER 2 BBL's OF Total Fluid
ACL-6135	1 X 15	1 STICK PER 4 BBL's OF Total Fluid
ACL-6150	1 1/4 X 15	1 STICK PER 7 BBL's OF Total Fluid
ACL-6175	1 3/8 X 16	1 STICK PER 9 BBL's OF Total Fluid
ACL-6180	1 5/8 X 18	1 STICK PER 13 BBL's OF Total Fluid

NOTE:

To successfully control any corrosion problem, the inhibitor insertion into the fluid stream must be constant. For intermittent treatment or for extreme corrosive environments increase the number of sticks accordingly.

Tech Data Sheet
ACL-61 (AC-61) SERIES**CORROSION INHIBITOR STICKS "B"**
CARDBOARD TUBE (WHITE)Tech Data Sheet
PAGE 1 OF 2**THE MOST COMMON PROCEDURE**

For water injection systems is to drop the sticks into the water supply tank as more of the system will be treated. For producing wells, it is recommended to shut-in well and drop sticks through lubricator. Leave well shut for about 15 minutes or until sticks fall to the bottom then return well to production. The time in minutes for the sticks to fall to the bottom (assuming well is shut-in with fluid at surface) is equal to the depth divided by 100. (Time, Min. = Depth, ft / 100).

PRODUCT SPECIFICATIONS (OIL & WATER SOLUBILITY TYPES):

The stick will dissolve in 12 to 24 minutes (in moving water or when falling through water) depending on temperature, salt content, and relative water motion. The stick will melt at 132°F. The stick will dissolve in water in wells with BHT below 132° (just at a slower rate). If slowing the dissolving rate is desired (for wells above 132°), coat CORROSION INHIBITOR STICK™ with oil or grease. The specific gravity is 1.15. The falling velocity through fresh water is approximately 100 feet per minute.

FOR INDUSTRIAL USE ONLY:

CAUTION: As with all industrial chemicals, contact with eyes or skin should be avoided. Wash thoroughly with water. Pellets should be stored in a cool dry place. Always remove pellets from the container with the scoop provided while wearing rubber gloves to avoid skin contact. Goggles are advised.

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