



Weighted Well Abandonment

ANTIFREEZE INHIBITOR STICKS are special water-soluble sticks containing a **combination of stabilizers and glycol-based antifreeze**. Natural gas bubbling through the fresh water-column, **glycol-based antifreeze and stabilizers produces an aqueous product, which can help reduce the freeze point of the produced water in the production string, flow lines and surface equipment.**

PRODUCT USES & ADVANTAGES:

ANTIFREEZE INHIBITOR STICKS also contain minimal corrosion and scale inhibitors to protect steel in industrial coolant and heat transfer systems. This product should not be considered as an alternative treatment method for corrosion and/or scale in oil and gas producing systems. **CORROSION INHIBITOR STICKS** should and can be used in conjunction with the **ANTIFREEZE INHIBITOR STICKS**.

ANTIFREEZE INHIBITOR STICKS can be very effective in reducing ice blockage in gas pipelines where there are orifice plates, chokes and velocity changes by reducing the freeze point of the water within the system.

In order to be effective the ANTIFREEZE INHIBITOR STICK should be used regularly two or three times per week. In most gas producing wells 1-2 sticks per treatment should be sufficient. Treatment can be increased for larger water volume situations.

TREATMENT DETERMINATION & PROCEDURE

If ANTIFREEZE INHIBITOR STICKS are used in conjunction with **SOAP STICKS**- we suggest using the **ANTIFREEZE INHIBITOR STICK** on days or times when not using **SOAP STICKS** to get the maximum benefit from the **ANTIFREEZE INHIBITOR STICK**.

The stick will normally dissolve in 20 to 80 minutes depending on temperature and relative water/gas motion. Sticks are 100% soluble in water. Stick melting point is around 128 degrees Fahrenheit.

PART NUMBER	STICK SIZES	STICK RATIO INITIAL SLUG TREATMENT
ACL-AFS	1 1/4 X 15	

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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