



Gas Well Supply

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Product Bulletin

C I STIX - 811

PRODUCT DESCRIPTION

C I STIX – 811 are water dispersible and oil-soluble stix that contain a blend of Imidazolines which have excellent filming characteristics and low emulsion tendencies. This unique blend gives effective corrosion control for most oil field corrosion problems.

PRODUCT FEATURES

C I STIX – 811 can primarily be used to control common corrosion problems found in producing oil and gas well systems.

C I STIX – 811 can be used to treat hard to reach areas. Dead areas such as the annulus space above the packer, rat-holes, or the bottom of water supply tanks may be easily treated with **C I STIX – 811**.

PRODUCT ADVANTAGES

C I STIX – 811 can provide corrosion control throughout the entire production system. Regular usage of **C I STIX – 811** will help control corrosion problems at the point where they begin down hole. **C I STIX – 811** are available in two different formulations (oil-soluble and water-dispersible) or (water soluble and oil-dispersible). The oil-soluble type is soluble in oil, condensate and wet gas and can slowly disperse inhibitor into the water phase. The water-soluble type is soluble in water and can slowly disperse inhibitor into the oil phase.

C I STIX – 811 can effectively inhibit corrosion in wells that produce both water and distillate or oil phases. In this case, it may be desirable to treat the well with both types of stix by first dropping water-soluble stix and allowing them to fall through the oil and into the water (dissolving and releasing inhibitor in the water column). Then drop the oil-soluble stix which will “FLOAT” at the oil-water contact (slowly dissolving and releasing inhibitor in the oil column).

C I STIX – 811 are economical (as compared to conventional corrosion control operations) and saves investment in pumps, drums of chemical, and equipment maintenance.

C I STIX – 811 may be used in wells with bottom-hole temperature (BHT) up to 375°F.



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TREATMENT

The number of **C I STIX – 811** required is based on the volume of total fluid produced (oil or condensate plus water). Field experience indicated that for most corrosive environments the best results are achieved by using a larger initial slug treatment (80 PPM daily) until the problem is under control then reduce to smaller periodic treatments (40 PPM daily) thereafter.

EXAMPLE: An initial slug treatment of 80 PPM would require 0.64 lbs. of **C I STIX – 811** per 24 BBL (1,000 gallons) of total fluid produced. 1 stix per 29 BBL'S of total fluid.

Most common procedure for producing wells is to shut-in well and drop sticks through lubricator. Leave well shut until stix fall to the bottom. The time in minutes for the stix to fall to the bottom, assuming well is shut-in with fluid at surface, is equal to the depth divided by 100. For water injection systems drop the stix into the water supply tank to inhibit more of the system.

PRODUCT SPECS

Oil soluble tubes: The **C I STIX – 811** will dissolve in 20 to 120 minutes depending on temp., salt content and relative fluid motion. The stix will melt at 125°F and the specific gravity is 0.95.

Water soluble tubes: The **C I STIX – 811** will dissolve in 12 to 24 hours depending on temp., salt content and relative motion. The stix will melt at 125°F and the specific gravity is 1.0.

STORAGE AND HANDLING

C I STIX – 811 should be stored in a cool, dry location. Always remove stix from cardboard tube. Always try to use gloves to avoid contact with hands. As with any industrial chemical, keep out of reach of children and avoid prolonged contact with skin. A safety data sheet outlining proper handling of this product is available upon request, or will be forwarded upon the purchase of **C I STIX – 811**.

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