INNOVATIVE CHEMICALS

CORROSION PROTECTION

Corrosion Inhibitor ICC

OVERVIEW

ICC is a water-soluble film-forming corrosion inhibitor designed to protect pipelines from carbon dioxide and hydrogen sulfide corrosion in oil and gas systems, as well as pipeline systems. ICC - Corrosion Inhibitor is water-based, dispersing quickly through water, and providing protection for three-phase systems.

POTENTIAL APPLICATION

ICC is fed into the liquid stream in a continuous mode, in which the reagent is rapidly dispersed. The most effective dosage should be determined during pilot trials or in the laboratory, although dosages typically range from 5-50 ppm. ICC is effective in systems with temperatures up to 130°C. It does not accumulate in the water portion of slug flow, making it also suitable for systems where there is no continuous stratified flow.

Property	Value
Appearance	Clear brown liquid
Density at 20^0C, gr/cm^3	0.95 - 1.05
Mass of active component, %	Not less than 20%
Freeze point, ^{0}C	Neg 40
Solubility	Soluble in water

FEATURES AND BENEFITS

- Effective in small concentrations;
- Easily dispersed in water;
- The normal concentration of ICC corrosion inhibitor is 5-50 ppm;

STORAGE AND PACKAGING

When stored in the original unopened containers, Corrosion Inhibitor ICC has a usable life of 18 months from the date of production. Corrosion Inhibitor ICC is available in 208-ltr drums and 1000-ltr cubes.

LIMITS

In order to create a high-quality anti-corrosion protection, an individual product selection is required for corrosion condition of the problem. Optimal dosage of the most effective corrosion inhibitor is determined through a series of laboratory tests.

For more information, please contact technical support representative at ai@ichem.kz