

CORROSION PROTECTION

Corrosion Inhibitor ICC

OVERVIEW

Corrosion Inhibitor ICC 19 is a solution of modified alkylimideazolines. It is designed to protect oilfield equipment and pipelines from internal corrosion.

POTENTIAL APPLICATION

Corrosion leads to equipment damage and significant downtime for replacing corroded or leaked parts. The main damage is caused by metal failure and tremendous indirect losses associated with distraction of technological processes. Application of chemical corrosion inhibitors is considered the most effective method to protect against metal loss due to corrosion in upstream oil sector. A small dosage of correctly selected corrosion inhibitor can completely suppress corrosion process. Corrosion Inhibitor ICC provides reliable protection against carbon dioxide, hydrogen sulfide and biocorrosion and it can contribute to increase of mean time between workover.

Property	Value
Appearance	Uniform liquid, amber to brown color
Density at 20°C, gr/cm ³	0.83-1,20
Mass of active component, %	Not less than 20%
Freeze point, °C	Neg 40
Solubility	Soluble in oil

FEATURES AND BENEFITS

- Provides reliable protection against carbon dioxide and hydrogen sulfide corrosion;
- Prevents pitting and internal corrosion;
- Deliver good compatibility with other production chemicals;
- Has no impact on oil treatment process and quality of export oil;

STORAGE AND PACKAGING

When stored in the original unopened containers, Corrosion Inhibitor ICC has a usable life of 12 months from the date of production. Corrosion Inhibitor ICC is available in 200-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.

