

CORROSION PROTECTION

Oxygen Scavenger ICO

OVERVIEW

Oxygen Scavenger ICO-02 Liquid is a composition of ammonium bisulfite in an aqueous solution. In the oil and gas production industry it is an auxiliary reagent-neutralizer used to remove or decrease the level of oxygen in the water by reacting with the dissolved oxygen in the water. This reduces the accelerated corrosion caused by the presence of oxygen in a high heat environment.

POTENTIAL APPLICATION

Traces of oxygen dissolved in the water can cause corrosion problems in tubular goods. Oxygen Scavenger protects metal surfaces from oxygen attack. Oxygen Scavenger rapidly reacts with dissolved oxygen. It is easy to use and provides excellent protection for the system.

Property	Value
Appearance	Brown color liquid
Density at 20°C, gr/cm ³	1.15-1,25
Mass of active component, %	Not less than 50%
Freeze point, °C	Neg 40
Solubility	Soluble in water

FEATURES AND BENEFITS

- Removes oxygen to protect the production equipment from pitting and general corrosion
- Environmentally safe, non-toxic product
- Low product consumption
- Effective under all operating conditions

STORAGE AND PACKAGING

When stored in the original unopened containers, Oxygen Scavenger ICO-02 Liquid has a usable life of 18 months from the date of production. Oxygen Scavenger ICO-02 Liquid 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 oxygen scavenger is determined through a series of laboratory tests.

