



Typical Physical Properties	
Physical Appearance:	Yellow to Light Brown Liquid
Specific Gravity at 20 °C, (gr/ml):	0.9±0.05
pH (5% Solution):	6-8
Odor:	Odorless
Solubility in Water:	Insoluble
Solubility in Oil:	Soluble
Viscosity @ 25°C (Cps):	Less than 50 Cps
Flash Point (°C):	>50

ICC-Corrosion Inhibitor (OB) is an oil soluble, slightly water-dispersible, film-forming organic amine. It effectively protects the Drill String by forming a tough, persistent film on metal surfaces. Corrosion Inhibitor (Oil Soluble) protects steel equipment by adsorbing onto surfaces, forming a filming barrier to corrosive conditions. **ICC-Corrosion Inhibitor (OB)** is effectively controlling corrosion in systems containing CO₂, H₂S, organic acids and brines and its most applicable when severely corrosive condition are anticipated, such as when utilizing air drilling techniques or in the presence of carbon dioxide or hydrogen sulfide gases.

Applications

- Protects drill pipe in the hole when used as a slug treatment.
- Inhibits formation of carbon dioxide or hydrogen sulfide on metal surfaces.
- Inhibits corrosion in drill string equipment's.

Advantages

- Reduces the potential the corrosion in air, mist, foam or aerated mud drillings.
- Helps to protect drill string with the persistent amine film which can against carbon dioxide or Hydrogen sulfide corrosion.
- Effective in small concentration.
- Temperature stable and functional to temperature of more than 300 °F (149 °C).

Packing and Storage

ICC-Corrosion Inhibitor (OB) is packaged in 220 Li drums. Customized packaging is also available on request.

Keep away from heat, sparks and open flames. Keep containers closed. Other normal precautions for process chemicals apply.

Shelf Life

ICC-Corrosion Inhibitor (OB) has shelf life of at least one years from the data of manufacture when stored in the original sealed containers in a cool and dry place.

Safety and Handling

ICC-Corrosion Inhibitor (OB) Do not get in eyes, on skin, on clothing. Do not take internally. Do not breathe vapors/gases/dust. Keep the containers closed when not in use. The use of rubber gloves and protective goggles is compulsory. Do not inhale vapours. In case of contact, wash immediately with water and change contaminated clothing.