COR FILM-W

Corrosion Inhibitor

Product Description

COR FILM-W is a water soluble imidazoline based film forming corrosion inhibitor. It forms a protective film on all metal surfaces, helping to prevent corrosion attack from oxygen, carbon dioxide and hydrogen sulfide. COR FILM-W is designed to be used in freshwater dispersed systems and packer fluids.

Typical Physical Properties

Physical appearance	Clear yellow to amber liquid
Specific gravity	0.82 - 0.85
Solubility	Soluble in minerals oils and aromatic solvents
Flash Point	>149°F (> 65°C)

Application

COR FILM-W corrosion inhibitor is a water-soluble, imidazoline-based corrosion inhibitor that is produced to an extremely high specification and has outperformed many corrosion inhibitors with a similar chemistry. The product can be used in any freshwater (low-calcium) dispersed system. It should be added directly to the mud system or through the mud hopper and then maintained at a constant level for best results.

Advantages

- Provides excellent corrosion inhibition for the drill string, casing and downhole tools
- Protects metal surfaces to a downhole temperature of 300°F (149°C)
- Has less effect on the rheological properties of a drilling fluid than most comparable, competitive inhibitors
- Ideal corrosion inhibitor in water-base packer fluids

Recommended Treatment

COR FILM-W Dosage of 20 to 50 ppm based on water volume is recommended, if water-cut above 5%. Optimisation of treatment should be performed according to corrosion monitoring results.

Toxicity and Handling

Handle as an industrial chemical, wearing protective equipment and observing the precautions described in the Material Safety Data Sheet (MSDS).

Packaging and Storage

COR FILM-W Corrosion Inhibitor is packaged in 55-gal (208-L) drums. Keep container closed. Store in a dry location away from sources of heat or ignition.