



Technical Datasheet

OXY-SCAVENGER L

Description

Oxy-Scavenger L is a high-quality grade of liquid oxygen scavengers for water-based muds and workover brines against oxygen-related corrosion of downhole tools and surface equipment in oil-field. Oxy-Scavenger L contains sulphite compounds and prevents corrosion and other oxygen-related challenges with removing solved oxygen molecules in water. Oxy-Scavenger Lis not only applicable in both fresh water and sea water, but also can be used in production applications.

Application

Main function of Oxy-Scavenger Lis decreasing the oxygen-related corrosion rate of drilling fluids and brines, and minimize the possibility of drill pipe wear-out. It is also effective in controlling bacteria-based corrosion. Oxy-Scavenger L increases the lifetime of rig pumps and downhole tools. Oxy-Scavenger Lis compatible with different types of drilling fluids and oil-field brines such as monovalent and divalent ions.

Advantages

- Provides anti-scale properties
- Easy mixing
- Increases the lifetime of rig pumps and downhole tools
- Compatible with different types of drilling fluids and oil-field brines (monovalent and divalent ions)
- Effective in different salinities
- Minimum effect on filtration and rheological properties of fluids
- Environmentally friendly additive
- Compatible with cationic, non-ionic and anionic materials

Treatment

Dependent to the environment of fluids, treatments may differ from 0.1 to 0.5 gal/bbl. Real pilot tests before adding Oxy-Scavenger Lis recommended. In completion or workover fluids, it is recommended, to use H₂S Scavengers and corrosion inhibitors alongside with Oxy-Scavenger L

Typical Properties

Appearance (20 Centigrade degrees)	Clear light brick or pink liquid
Specific Gravity (20 Celsius degrees)	1.2-1.4
pH	4.5-6
Active Content	Min 60%
Water Solubility	Soluble

Packaging

Oxy-Scavenger L is available in 55-Gals Drums.