



OxBan™ HB Oxygen Scavenger

OXYGEN SCAVENGER

Overview

OxBan HB oxygen scavenger is comprised of a proprietary blend of polyfunctional organics that eliminates oxygen in mid- to high-density fluids containing monovalent and divalent ions such as sodium, potassium, calcium, and zinc. OxBan HB oxygen scavenger is compatible with seawater and will not form undesirable byproducts with calcium or zinc brine fluids. Because it is free of sulfur containing chemicals, OxBan HB oxygen scavenger can be used safely with CRA metallurgy.

Features and Benefits

- Completely soluble and compatible in seawater, as well as in sodium, potassium, calcium and zinc brines.
- Can be used safely with CRA metallurgy and is approved for use in MatchWell® fluids because it is free of sulfur containing chemicals
- Effective at low temperatures, low pH levels, and in weak acids.

Applicable Information

OxBan HB oxygen scavenger is easily dispersed into brines with gentle agitation. It should be added to the brine just prior to pumping the fluid downhole. Avoid aeration of the fluid during the addition of OxBan HB oxygen scavenger. A small amount of white sediment will occasionally be present, but will not affect the performance of OxBan HB oxygen scavenger.

OxBan HB oxygen scavenger is not recommended for applications with strong acids. It is nonhazardous and is environmentally friendly. It is recommended for monovalent and divalent brines.

Physical Properties

Appearance	Clear to light yellow liquid
Incompatibilities	Oxidizing materials, metals, acids, bases
pH	6.0 - 8.0
Specific gravity	1.0-1.15
Water Solubility	Soluble

Packaging Information

5 gallon pail, 32 pails/pallet

Recommended Treatment

The treatment concentration of OxBan HB oxygen scavenger is dependent upon the dissolved oxygen concentration present in the fluid and the presence of other contaminants.

Recommended treatment rates for OxBan HB oxygen scavenger can range from 7.5 to 20 gallons per 100 barrels of fluid. There are other factors that may have an impact on the treatment rate of OxBan HB oxygen scavenger.

Consult a TETRA representative for specific recommendations.

Safety and Handling

Avoid skin and eye contact, inhalation or ingestion. For skin contact, wash with soap and large quantities of water. For eye contact, flush with large quantities of water. Use properly designed respirator if adequate ventilation is not available. Refer to the Safety Data Sheet for specific details.

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