

LOS-20 Oxygen Scavenger

11185-002



LIBERTY

General Information:

LOS-20 oxygen scavenger is a highly effective liquid oxygen scavenger for use in fresh and salt waters and drilling fluids to prevent corrosion due to dissolved oxygen. Unlike powdered forms of sulfite, the liquid formulation may be used directly from the drum and premixing is unnecessary. Use of LOS-20 in drilling fluids protects drill pipe, pumps and other metals in contact with the fluid. LOS-20 is also highly effective in water floods for suppressing corrosion and aerobic bacterial growth.

Physical Properties:

Density 10.4 lbs/gal.
Solubility in Water Soluble
Solubility in Diesel Insoluble
Appearance Light, amber liquid
Odor Sulfurous

Chemical Description:

LOS-20 is a catalyzed liquid oxygen scavenger based on bisulfite.

Recommended Uses:

LOS-20 is used for removal of oxygen from water-based fluids: frac water, displacement water, packer fluids or water for flooding or disposal. The use of 10 parts per million by volume (0.42 gallons per thousand barrels) of LOS-20 will rapidly remove 1 part per million oxygen from water. If dissolved oxygen measurements are not available, it is suggested that the maximum solubilities of oxygen in fresh water be used as estimates. These values are around 7 ppm in room temperature water and 12 ppm in ice water: these numbers give loadings of approximately 1.5 gallons per 500 barrel frac tank in summer and 2.5 gallons per tank in winter.

Packaging:

LOS-20 is obtainable in 55 gallon poly drums, 330 gallon poly totes and Bulk storage.

DOT Information:

CORROSIVE LIQUID, N.O.S. (CONTAINS AMMONIUM BISULFATE), 8, UN 2693, PG II

