



# . T E C H N I C A L   D A T A

## **OXY-BAC™**

### MICROBIAL OXYGEN SCAVENGER

#### General Description

**Oxy-Bac™** is a proprietary combination of natural, facultative aerobic bacteria used to control corrosion and scale.

**Oxy-Bac** scavenges oxygen through its metabolic pathways. In addition, **Oxy-Bac** by-products, such as organic acids and biosurfactants, have the ability to disperse, dissolve, and control paraffin deposition.

**Oxy-Bac** protects equipment from oxygen related corrosion by sequestering oxygen in the system. **Oxy-Bac** also improves the effectiveness of corrosion inhibitors by removing the depolarizing agents from system fluids.

#### Product Specifications

Color	Light pink to tan
pH	6.5-8
Weight per gallon	8.51 lbs.
Specific gravity	1.02
Freeze point	32° F
Viscosity	1.30 cps - 60° F
Odor	Mild organic

#### Application

**Oxy-Bac** comes as a ready-to-use liquid formulation and can be introduced to the well by batch, squeeze, or continuous

treatments. Batch treatments usually involve the product being applied to the annulus and flushed with clean lease or KCL water. For optimum performance, it is recommended that the well be shut in for one to three days after treatment; however, this is not mandatory. Squeeze treatment applications are a function of fluid production, porosity, perforation interval, and desired depth of penetration. The well is shut in for three to seven days.

**Oxy-Bac** can also be injected continuously into a water injection system. A small pump may be used to inject the product. The best results are obtained when **Oxy-Bac** is applied close to the oxygen source.

#### Handling and Safety

*Oxy-Bac meets EPA requirements for release into the environment. Special clothing or equipment are not required for handling Oxy-Bac. Routine sanitary hygiene practices should be observed. Service Bio-Tech offers technical support and services to optimize production through the use of our products.\**

\*MSDS Available upon request.