



## DRILLING FLUID PRODUCTS

### TECHNICAL INFORMATION

#### IM-HIB™ PLUS

#### Corrosion Inhibitor for Water Based Drilling Fluids

**IM-HIB PLUS** is an effective additive for reducing and preventing occurrence of corrosion to all metal parts in a variety of drilling operations. **IM-HIB PLUS** is specially formulated blend of amine based corrosion inhibitor, bactericide, and oxygen scavenger for all-purpose corrosion protection in water based mud, packer and completion fluids.

#### Product Specifications:

Property	Specification
<b>Specific Gravity</b> (at 25°C)	1.03 -1.08
<b>Pour Point</b> (°C)	Below 10°C
<b>Flash Point</b> (°C)	> 85 °C
<b>pH</b> (Neat, at 25 °C)	9 – 11
<b>Solubility</b>	Soluble in water at any temperature
<b>Appearance</b>	Dark brown liquid

#### Functions:

**IM-HIB PLUS** has the following benefits:

- Effective against corrosion by oxygen, carbon dioxide and hydrogen sulfide gases.
- Non-foaming and performs well in calcium chloride, sodium chloride, potassium chloride and bromide brines.
- Forms a persistent protective film on metal surfaces, and maintains performance at high down-hole temperatures (up to 350 F).
- Effectively minimizes sulphate-reducing bacteria.
- Formulated to provide corrosion control for non-alloy and low alloy steel as well as stainless steel.

#### Recommended Treatment:

**IM-HIB PLUS** is recommended as a specific all-purpose corrosion inhibitor.

Normal treatment rates for effective long-term corrosion protection is 0.5 – 1.0 % based on fluid volume. A circulating fluid would require 0.1 – 0.2 %.

#### Packaging:

Packaged in 208 liter HDPE drums.

#### Legislation and Handling Recommendations:

Not restricted by any regulatory agency. Refer to the Material Safety Data Sheet (MSDS) for the product prior to use.

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