CONQOR 202B corrosion inhibitor is an oil-soluble, slightly water-dispersible, film-forming organic amine.

It effectively protects the drillstring by forming a tough, persistent film on metal surfaces. It is compatible with all types of water-base muds, both weighted and unweighted. It is most applicable when severely corrosive conditions are anticipated, such as when utilizing air-drilling techniques, or in the presence of carbon dioxide or hydrogen sulfide gases.

**Typical Physical Properties**

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical appearance</td>
<td>Dark brown liquid</td>
</tr>
<tr>
<td>Specific gravity</td>
<td>0.888-0.9</td>
</tr>
<tr>
<td>pH (5% solution)</td>
<td>8.4-8.6</td>
</tr>
<tr>
<td>Solubility in water</td>
<td>Insoluble</td>
</tr>
<tr>
<td>Flash point</td>
<td>172°F (78°C) (PMCC)</td>
</tr>
</tbody>
</table>

**Applications**

CONQOR 202B protects steel equipment by adsorbing onto surfaces, forming a filming barrier to corrosive conditions. The recommended application is to use periodic “slug” or “batch” treatments pumped down the drill pipe.

The recommended treatment is 5 to 15 gal (19 to 56.7-L) slugs of CONQOR 202B while making up connections or every 4 hr, and prior to pumping the slug on trips. This slug volume should be selected to be about 1.5 to 2 gal (5.6 to 7.5-L) of CONQOR 202B for each 1,000 ft (305 m) of drillstring.

When tripping out of hole, CONQOR 202B can be sprayed, painted or mopped on the outside of the pipe.

**Advantages**

- Reduces the potential for corrosion in air, mist, foam or aerated mud drilling, and in all water-base muds
- Coats and protects the drillstring with a persistent amine film which can protect against carbon dioxide or hydrogen sulfide corrosion
- Temperature-stable and functional to temperatures of more than 300°F (149°C)

**Limitations**

- Should not be used in packer fluids or other situations where the fluid will not be circulated

**Toxicity and Handling**

Bioassay information is available upon request.

Handle as an industrial chemical, wearing protective equipment and observing the precautions described in the Material Safety Data Sheet (MSDS).

**Packaging and Storage**

CONQOR 202B is packaged in 55-gal (208-L) drums.

Store in a dry, well-ventilated area. Keep container closed. Keep away from heat, sparks and flames. Store away from incompatibles. Follow safe warehousing practices regarding palletizing, banding, shrink-wrapping and/or stacking.