

CONQOR 202B

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

Physical appearance.....	Dark brown liquid
Specific gravity	0.888-0.9
pH (5% solution).....	8.4-8.6
Solubility in water	Insoluble
Flash point.....	172°F (78°C) (PMCC)

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.



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