

Description

KAR-COR B is water soluble, strong film forming amine based inhibitor designed to control corrosion in water-base drilling fluids.

Typical Properties

Appearance : Dark brown liquid
pH (neat) : 9 - 12
Specific Gravity : 1.03 - 1.06
Flash Point : > 212 °F (100 °C)

Features and Benefits

KAR-COR B contains a cationic polar organic amine salt which is physically adsorbed and chemically attracted to metal surface. Thus a strong protective film develops on the metal surface which prevents corrosion of tubular goods.

KAR-COR B provides corrosion protection to drill pipe exposed to drilling fluids contaminated with hydrogen sulphide, carbon dioxide or oxygen.

KAR-COR B is effective in all types of water-base drilling fluids. Its performance is not influenced by chemistry and solids content of drilling fluids.

KAR-COR B has no or little effect on the rheological and filtration properties of drilling fluids.

KAR-COR B is generally compatible with nonionic, cationic and some anionic materials.

Application

KAR-COR B is recommended as a primary corrosion inhibitor to protect drill pipe in water-base drilling fluids.

Limitations

KAR-COR B is cationic and may be incompatible with other treating chemicals used concurrently in the system. It should be carefully lab-checked in this respect.

Treatment

KAR-COR B can be added through a mud hopper, chemical barrel or directly to the mud pit. The recommended treatment of KAR-COR B is 8-12 gal/100 bbls.

Packaging

KAR-COR B is supplied in 6.6 gal (25 liters) pails.