

CB MAX

Description

CB MAX is a proprietary product specifically designed to form bridges across the face of cleats and fractures present in coals. Its main components are specialized bridging agents that act synergistically to create flexible bridges and drastically reduce the fluid and solids invasion in coal formations. The low permeability bridge/mat also minimizes the pressure transmission in coals. CB Max exploits the coal's highly charged surface to form bridges or mats that aid in the wellbore stability while minimizing formation damage.

Applications

CB MAX is used as the basis of the CBMAX drilling fluid systems. The product is compatible with typical water based mud products. Viscosifiers and filtration control agents can be added to the fluid system depending upon the requirements of the coal being drilled.

CB MAX has been successfully used in drilling long reach horizontal and vertical coal-bed methane wells in wet or dry coal formations. Similarly, the product is highly effective as a coring fluid for extracting competent/undamaged cores in vertical coal seams.

Features and Benefits

- CB MAX performs well in either fresh water or brine based fluids.
- Provides excellent wellbore stability.
- Minimizes formation damage in coals by reducing fluid and solids invasion.
- The bridges or mats created by CB MAX are easily broken and removed using QMax proprietary QBREAK product.

Typical Properties

Appearance	Solid
Color	Light tan
Specific Gravity	1.59
pH (1%wt. solution)	9.8
Solubility	Minimal in water

Recommended Treatment

Typically, CB MAX is added at a concentration of 8.5 – 10.5 ppb (25 – 30 kg/m³), depending on the diameter of wellbore, the rate of penetration, and the degree of instability of the coal formation.

Safety and Handling

Prior to using this product, refer to the safety data sheet for information on use of personal protective equipment, safe handling, storage, transport, and disposal.

Packaging

CB MAX is available in 50 lb (22.7 kg) and 55 lb (25 kg) bags.

No representations or warranties, either express or implied, of merchantability, fitness for a specific purpose, and/or that the products to which the information referred to in this document may be used without infringing the intellectual property rights of others, or of any other nature, are made with respect to information provided in this document, or the products referred to herein. In no case shall the information be considered a part of our terms and conditions of sale of QMax products or services. Use of the information provided in this report is at the user's risk.

“Excellence, Innovation, Integrity, Teamwork and Safety”

www.qmax.com – 11700 Katy Fwy, Ste 200, Houston, TX 77079 – Tel.: +1 (832) 672 4476