

GX-POLYMER

Product Data Sheet

SULFONATED POLYACRYLAMIDE COPOLYMER

Muds HTHP fluid loss control and suspension agent Brines and acids viscosifier

Description

GX-POLYMER® is a synthetic polyacrylamide copolymer designed for high-temperature environments.

It is normally used in conditions and at temperatures when conventional polymers like xanthan gum, starch and cellulose derivatives lose their efficiency.

Apart from drilling fluids, it is used in completion, workover and EOR applications to viscosify brines and acids.

GX-POLYMER® can also be used as a friction reduction agent in coil-tubing operations.

Applications/Functions

- Drilling fluids HTHP fluid loss control agent and viscosifier (up to 400F / 204C)
- Brines viscosifier (NaCl, KCl, CaCl₂, MgCl₂, bromides, formates)
- Acids viscosifier
- Coil-tubing friction reducer

Advantages

- High stability in adverse downhole environment
- Non-fermenting

- Can be removed from the reservoir with the conventional breaker oxidizers (ammonium persulfate, etc.)

Recommended treatment

1,8-7 ppb (5-20 kg/m³) depending on the mud / brine formulation and desired fluid loss and rheology.

Typical properties

White to yellow free flowing powder

Handling

Please refer to the MSDS for specific instructions

Packaging

GX-POLYMER® is packaged in 50 lbs (22,7 kg) or 55 lbs (25 kg) bags.

Disclaimer: Prior to using this product, the user is hereby informed and cautioned to make their own determination and assessment of the safety and applicability of the product for the specific job. It is the final responsibility of the user to ensure that the product is suitable and the information is applicable to the user's specific application.



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