BARAZAN® D™

VISCOSIFIER/SUSPENSION AGENT

Product Description

BARAZAN® D™ viscosifier/suspension agent is a powdered Xanthan gum polymer used to viscosify fresh water, seawater and monovalent brines. BARAZAN D viscosifier/suspension agent is treated with a dispersant to help improve mixing and promote the yield of the product with reduced amounts of shear as compared to BARAZAN® viscosifier/suspension agent. BARAZAN D viscosifier/suspension agent can provide excellent suspension and sheer thinning properties and be used up to 250°F (121°C).

Applications/Functions

» Viscosify fresh water and brine-based fluids used for drilling, milling, under-reaming, and gravel packing operations
» Suspend bridging agents and weighting materials in fresh water and brine systems

Advantages

» Disperses easily in fresh water muds, and brines
» Helps provide thixotropic properties and non-Newtonian flow characteristics over a wide salinity range at low concentrations
» Helps provide excellent suspension without the need for clays
» Stable to 250°F (121°C)
» Helps minimizes the potential for formation damage

Typical Properties

» Appearance: Yellow to white powder
» pH, (1% aqueous solution): 6.3
» Specific Gravity: 1.6

Recommended Treatment

Mix 0.1-2 lb/bbl of BARAZAN D viscosifier/suspension agent (0.3-5.7 kg/m³), as needed to obtain the desired viscosity and suspension characteristics.

Packaging

BARAZAN D viscosifier/suspension agent is packaged in 25-lb (11.3-kg) sacks, 50-lb (22.7-kg) sacks, and 55.1-lb (25-kg) sacks.