INSTA-VIS™ PLUS
LIQUID DRILLING FLUID POLYMER

DESCRIPTION
INSTA-VIS PLUS is a multi-functional liquid polymer designed to improve drilling efficiency in both horizontal and vertical drilled holes through its rapid field mixing, viscosity development, and clay and shale inhibition. INSTA-VIS PLUS is certified to NSF/ANSI Standard 60, Drinking Water Treatment Chemicals - Health Effects.

RECOMMENDED USE
Designed for use as a drilling fluid polymer for improved viscosity, bit lubrication, and shale stabilization/inhibition. Can be mixed into SUPER GELX or HYDRAUL-EZ slurries for use in vertical or horizontal drilling applications. INSTA-VIS PLUS can be used in many drilling applications including GSHP loop installation, minerals exploration, pipeline, sewer, communications installation, and waterwell construction.

CHARACTERISTICS
• Can be used with VERSAFOAM PLUS to produce a stiff foam
• Eliminates clay and shale swelling, bit balling, and sticking
• Flocculates non-reactive solids in reserve pit
• High lubricity reduces torque
• Maintains borehole integrity in both horizontal and vertical holes
• Quick mixing and rapid yield in freshwater

MIXING AND APPLICATION
Adjust mix water pH to above 7.0 to maximize product performance. Always mix bentonite first, then add INSTA-VIS PLUS at a slow, steady rate. To breakdown INSTA-VIS PLUS, add 0.5 lb (0.25 kg) of sodium hypochlorite (bleach) per 100 gallons (380 liters) of drilling fluid.

INSTA-VIS PLUS MIXING RATIOS:

<table>
<thead>
<tr>
<th>Added to freshwater</th>
<th>1/2 to 1 quart/100 gallons (0.25 to 0.5 liter per 380 liters) freshwater</th>
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<tbody>
<tr>
<td>Added to bentonite system</td>
<td>1/2 quart/100 gallons (0.25 liter per 380 liters) drilling fluid</td>
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<tr>
<td>Added to VERSAFOAM PLUS</td>
<td>1/2 quart/100 gallons (0.25 liter per 380 liters) foam mix</td>
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PACKAGING
42 lb (19.05 kg) pail, 32 per pallet. All pallets are plastic-wrapped.