The EPI-TROL™ filtration control agent from Baker Hughes, a GE company (BHGE), is an asphaltic material that provides filtration control in invert emulsion drilling fluid systems, helping to maximize borehole stability, improve formation evaluation, and maintain the hydraulic performance of drilling fluids.

Recommended treatment
Treatments with EPI-TROL filtration control agent will vary with fluid type, temperatures to be encountered, and desired level of filtration control. Treatments of 4.0 to 10.0 lb/bbl (11.4 to 28.5 kg/m³) are effective for most applications.

Environmental information
For information concerning environmental regulations applicable to BHGE drilling fluids products, contact the BHGE Health, Safety, and Environment department.

Typical properties
<table>
<thead>
<tr>
<th>Appearance</th>
<th>Black powder</th>
</tr>
</thead>
<tbody>
<tr>
<td>Specific gravity</td>
<td>1.1 to 1.5</td>
</tr>
<tr>
<td>Hygroscopic</td>
<td>No</td>
</tr>
</tbody>
</table>

Applications
• Oil-based invert emulsion drilling fluids
• Conventional or unconventional oil and gas wells up to 300°F (149°C)

Features and benefits
• Reduces filtrate invasion into the wellbore
  - Maximum borehole stability and improved formation evaluation
• Minimal effect on the rheological properties
  - Sustains the drilling fluid’s hydraulic performance
• Improves filter cake quality
  - Minimizes torque and drag and promotes a thin, tough wall cake that improves displacements and cleanup

Safe handling recommendations
Use normal precautions for employee protection when handling products. Utilize appropriate personal protective equipment (PPE) for employee comfort and protection. See the product’s safety data sheet (SDS) prior to use.

Packaging
The EPI-TROL filtration control agent is packaged in 50-lb (22.7-kg) sacks.

Shipping
Transportation of the EPI-TROL additive is not restricted by either US or international regulatory agencies.

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