ABI Premium Bore  HORIZONTAL DRILLING FLUID

■ DESCRIPTION
ABIAPI Premium Bore is a 200-mesh, high viscosity sodium bentonite designed for use in horizontal drilling applications.

■ USE
May be used for all types of freshwater angle and horizontal drilling applications.

■ APPLICATION
Mixing ratios are based on using fresh water. Level of water purity will affect bentonite performance. Prior to mixing, acidic and hard water should be treated with soda ash to a pH of 8.5 to 9.0.

Mixing Ratio (lbs. / 100 gal. of water):
Normal conditions: 20 to 30 lbs.
Sand and gravel: 30 to 40 lbs.
Fluid loss control: 40 to 60 lbs.

For best results, add ABI Premium Bore slowly through a jet/hopper mixer.

■ TYPICAL ANALYSIS

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</thead>
<tbody>
<tr>
<td>SiO₂</td>
<td>61.3%</td>
<td>Na₂O</td>
<td>2.2%</td>
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<tr>
<td>Al₂O₃</td>
<td>19.8%</td>
<td>TiO₂</td>
<td>0.1%</td>
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<tr>
<td>Fe₂O₃</td>
<td>03.9%</td>
<td>Trace Elements</td>
<td>3.2%</td>
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<tr>
<td>MgO</td>
<td>01.3%</td>
<td>H₂O (Crystal)</td>
<td>6.5%</td>
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</table>
| CaO | 00.6% | K₂O | 00.4%
| pH | 8.9 – 10.5 |

■ CHARACTERISTICS
Highly concentrated for maximum yield
Fast and easy mixing
Maintains integrity of bore hole
Removes cuttings
Cools and lubricates bit
Helps prevent loss of circulation

The information and data contained herein are believed to be true and accurate. ABI, Inc. makes no warranty of any kind and accepts no responsibility for the results obtained through application of this information.