HR®-6L Cement Retarder

HR®-6L retarder is a 40% solution of a chemically modified lignosulfonate. It can be used to retard all API classes of cement as well as Pozmix® cement.

Applications
HR-6L retarder can be used in wells with bottomhole circulating temperatures (BHCTs) between 110° and 210°F (43° and 99°C).

Compatibilities
HR-6L retarder has a slight dispersing effect on cement slurries. Otherwise, this retarder interacts well with other additives.

Benefits
HR-6L retarder can provide the following benefits:
- It overrides the gelling effect of some cements.
- This retarder can provide uniform setting curves at BHCTs between 170° and 230°F.
- HR-6L retarder helps improve displacement rates at steady pressures.
- It helps extend pumping times.
- This retarder allows operators to better predict thickening times.

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**HR®-6L Retarder—Product Specifications**

<table>
<thead>
<tr>
<th>Part No.</th>
<th>100005058</th>
<th>Bulk Density</th>
<th>10.08 lb/gal</th>
</tr>
</thead>
<tbody>
<tr>
<td>Form</td>
<td>Dark brown liquid</td>
<td>Pour Point</td>
<td>-30°F (-34°C)</td>
</tr>
<tr>
<td>Specific Gravity</td>
<td>1.210</td>
<td>Flash Point</td>
<td>&gt;210°F (&gt;98°C)</td>
</tr>
<tr>
<td>pH</td>
<td>8.4</td>
<td>Packaging</td>
<td>5-gal pail</td>
</tr>
</tbody>
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For more information on the benefits HR®-6L Cement Retarder can bring to your cementing operations, contact your local Halliburton representative.