SCR-100™ Retarder

**Cement Retarder**

SCR-100™ retarder is a nonlignosulfonate cement retarder that helps simplify the design of thixotropic slurries.

**Applications**

SCR-100 retarder is effective in freshwater slurries at bottomhole circulating temperatures (BHCTs) up to 250°F (121°C). In saturated salt slurries, this retarder can be used at BHCTs between 250° and 350° (121° and 177°C). When combined with certain retarder-enhancing agents, SCR-100 retarder can be used in freshwater cement systems at BHCTs as high as 430°F (221°C).

When used with Halad®-9 additive, Halad-22 additive, Halad-24 additive, or Diacel LWL additive, SCR-100 retarder helps the cement slurry become thixotropic. When thixotropy is not required, SCR-100 retarder can be used with any fluid-loss additive to help bridge temperature gaps.

**Features**

SCR-100 retarder is available in powder or liquid form. Because the liquid form of this retarder is a true aqueous solution, it does not cause the settling problems associated with nonaqueous suspensions. The response properties of liquid SCR-100 retarder are analogous to those of the powder version.

**Benefits**

SCR-100 retarder can provide the following benefits:

- SCR-100 retarder interacts well with other cement additives.
- When cured for 24 hours at BHCT, this retarder helps provide excellent compressive strength.
- SCR-100 retarder is effective in lightweight cement slurries formulated with Silicalite additive.

### SCR-100™ Retarder—Product Specifications

<table>
<thead>
<tr>
<th>Part No.</th>
<th>100003749</th>
<th>Bulk Density</th>
<th>30.00 lb/ft³</th>
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<tbody>
<tr>
<td>Form</td>
<td>Off-white, solid powder</td>
<td>Packaging</td>
<td>50-lb bag</td>
</tr>
<tr>
<td>Specific Gravity</td>
<td>1.420</td>
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For more information on the benefits SCR-100™ Cement Retarder can bring to your cementing operations, contact your local Halliburton representative.