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.

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Cementing

SCR-100™
Cement Retarder