Trican AccuLite™
Cements

Cement provides zonal isolation and protects your casing. You don’t want it lost to the formation.

Trican AccuLite™ is a series of low density cement slurries designed to minimize formation breakdown by reducing hydrostatic pressures. Because of its light weight, AccuLite provides excellent zonal isolation while maintaining accurate density at bottom hole pressures of up to 70 MPa (10,000 psi).

Key Features

A weak formation is easily broken down, often resulting in cement seeping into fractures or natural cracks. This affects the cement’s ability to isolate the formation, support the casing and achieve the required cement top.

With AccuLite cements, density remains consistently low and cement stays in place, no matter the depth of your well, or the nature of the operations being performed. This allows you to be sure you’re staying within prescribed density tolerances, and more accurately calculate your hydrostatic pressure for effective cementing.

Get the density you need without the guesswork:

- Accurate density from surface to total depth
- Mixing density equals downhole density
- The designed yield equals the actual yield
- Improved compressive strength
- Excellent slurry stability over a wide temperature range
- Stage collars may be eliminated
Proper cementing isolates formations in your wellbore, protecting aquifers and preventing product or hydrocarbon communication between zones. AccuLite offers a range of densities, a wide temperature application range and a high slurry yield. It also maintains excellent stability during transportation and job execution.

**Preferable to Stage Collars**

Because traditional cementing increases hydrostatic pressure on the formation, stage collars are used to reduce pressure across the lower zones while cementing. These multistage jobs are costly and inconvenient, requiring additional time on location, increased rig costs and the risk of mechanical failure. Stage collars used during multistage operations also present a risk during fracturing operations, as they provide a potential weak point when fracturing down the casing.

AccuLite eliminates the need for multistage operations because hydrostatic pressure exerted by the cement column is at or below the strength of the weakest formation.

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<tr>
<th>DENSITY</th>
<th>STATIC TEMPERATURE</th>
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<tr>
<td>From 1100–1300 kg/m³ (9.2–10.8 lbs/gal)</td>
<td>Up to 110°C (230°F)</td>
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**Preferable to Foam Cementing**

AccuLite also eliminates the need for foam cementing, which requires a more costly and complicated setup, as well as more equipment and personnel on location. AccuLite delivers lower ECD (Equivalent Circulating Density) compared to foam cementing, which generates more friction. Overall, AccuLite outperforms alternatives in weak formations.

For more information on the AccuLite cement series and other cementing products, please contact Trican Well Service.