Legend™ LD-4475 Delayed-Release Breaker

OVERVIEW
Legend™ LD-4475 delayed-release breaker is a low temperature oxidizing breaker designed for use with high pH fluids at actual fluid temperatures of 125°F (52°C) or lower. The breaker can be used at higher bottomhole static temperature (BHST) if formation cool down steps are taken. A slightly permeable coating on the breaker allows it to release slowly across its surface. The breaker can be used to delay the breaks of fracturing fluids, improve fluid rheology, and improve fracture conductivity.

LD-4475 breaker is a solid, coated crystalline product that is slowly released over time. Less than 10% of the breaker is released in one hour, but at least 70% is released within 24 hours.

Product Specifications

<table>
<thead>
<tr>
<th>Form</th>
<th>Solid, orange crystals</th>
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<tbody>
<tr>
<td>Specific Gravity</td>
<td>1.98</td>
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<tr>
<td>Bulk Density</td>
<td>56.04 lb/ft³</td>
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<tr>
<td>Packaging</td>
<td>50 lb fiber drum</td>
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</tbody>
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FEATURES/BENEFITS

» Provides a solid, filterable material in the fracturing fluid; material is not lost to the formation

» Degrades filter cakes formed from borate fluids and improves proppant-pack cleanup

» Delays breaks of low temperature borate fluids

» Can be used to delay the breaks of fracturing fluids, improve fluid rheology, and improve fracture conductivity

» Applicable in high concentrations for better cleanup

» Thoroughly cleans fracturing gels out of the formation

» Helps improve fracture conductivity
STIMULATION FLUIDS

Legend™ Stimulation Fluid Packages

For more information, contact your local Halliburton representative or visit us on the web at www.halliburton.com/multichem

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