**XL-1™ Crosslinker**

XL-1™ crosslinker is a crosslinking agent used in acid gel operations. When XL-1 crosslinker is used, crosslinking occurs as the acid spends on the formation.

**Applications**

When used with SGA-II™ gelling agent, XL-1 crosslinker can be used at bottomhole temperatures (BHTs) up to 225°F (107°C). When used with SGA-III™ gelling agent, it can be used at BHTs up to 325°F (163°C). The typical crosslinker concentration is 4.5 gal of crosslinker/Mgal of acid.

**Features**

At concentrations greater than 3 gal of crosslinker/Mgal of acid, XL-1 crosslinker can sludge or stabilize acid emulsions.

**Compatibility**

XL-1 crosslinker is not compatible with iron-control additives, reducing agents, or chelating agents.

**Benefits**

XL-1 crosslinker is water-soluble and has a shelf-life of up to 24 months.

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**XL-1™ Crosslinker—Product Specifications**

<table>
<thead>
<tr>
<th>Part No. (55-gal drum)</th>
<th>100012259</th>
<th>Bulk Density</th>
<th>11.70 lb/gal</th>
</tr>
</thead>
<tbody>
<tr>
<td>Form</td>
<td>Reddish-brown liquid</td>
<td>pH</td>
<td>&lt; 1.0</td>
</tr>
<tr>
<td>Specific Gravity</td>
<td>1.432</td>
<td>Boiling Point</td>
<td>230°F (110°C)</td>
</tr>
</tbody>
</table>
Sales of Halliburton products and services will be in accord solely with the terms and conditions contained in the contract between Halliburton and the customer that is applicable to the sale.