**WG-22™ Gelling Agent**

WG-22™ gelling agent is a powdered, “one-bag” blend of a high-viscosity, rapidly gelling, intermediate-residue guar gum mixed with a nonionic surfactant, a free-flow agent, and a suspending agent.

**Applications**

WG-22 gelling agent is added to diesel to form LGC-IV™ gelling agent. It is not designed to be added directly to water, but it will disperse and hydrate in water when agitated. When used to create LGC-IV gelling agent, WG-22 gelling agent can be applied to several fracturing fluids and services, such as the WATERFRAC process, Boragel™, Hybor™, My-T-Gel LT™, and My-T-Gel HT™ fluids.

**Features**

WG-22 gelling agent provides optimum hydration at a pH of 6.5 to 7.5. It does not contain internal breakers or crosslinkers. Therefore, unless the bottomhole temperature is sufficiently high, breakers must be added to the gel before it is injected into the well.

**Compatibility**

WG-22 gelling agent can be used in fresh water, sodium chloride brines, calcium chloride brines, potassium chloride water, and water-methanol mixtures containing up to 5% methanol. At higher methanol concentrations, WG-22 gelling agent exhibits poor viscosity and hydration.

**Benefits**

When used in LGC-IV gelling agent, WG-22 gelling agent provides a highly concentrated, liquefied guar gelling formulation for preparing base fracturing gels. WG-22 gelling agent can be batch-mixed or gelled continuously. It disperses easily in water and hydrates rapidly.

### WG-22™ Gelling Agent—Product Specifications

<table>
<thead>
<tr>
<th>Part No. (50-lb bag)</th>
<th>100012211</th>
<th>Specific Gravity</th>
<th>1.300</th>
</tr>
</thead>
<tbody>
<tr>
<td>Part No. (1,000-lb bag)</td>
<td>100012212</td>
<td>Bulk Density</td>
<td>42 lb/ft³</td>
</tr>
<tr>
<td>Part No. (Bulk)</td>
<td>516.01110</td>
<td>Flash Point</td>
<td>&gt;200°F (&gt;93°C)</td>
</tr>
<tr>
<td>Form</td>
<td>Off-white, solid</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

---

**HALLIBURTON**
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.