Stimulation

GS-6™ Additive

GS-6™ additive suspends guar in LGC-8™ liquid gel concentrate.

Applications

Liquid gel concentrates allow operators to conveniently add polymer gelling agents to water. LGC-8 diesel-based concentrate was developed for use with superconcentrates of guar gum polymers. GS-6 viscosifies the hydrocarbon and helps suspend the gelling agent in the LGC-8 slurry.

LGC-8 concentrate can be used with the following base fluids:
- fresh water
- sodium chloride (NaCl) brines
- potassium chloride (KCl) water
- water containing Clayfix II™ additive
- water-methanol mixtures containing less than 5% methanol

The yielded gel can be used in several of Halliburton’s aqueous crosslinked fracturing systems.

Benefits

Liquid gel concentrates with GS-6 additive provide the following benefits:
- no fish eyes
- rapid, uniform base-gel viscosity development
- reduced tank-cleaning and disposal expenses for batch-mixed applications
- minimal polymer waste if shutdown occurs
- limited shipping restrictions

GS-6 is not considered hazardous waste by Environmental Protection Agency (EPA).

<table>
<thead>
<tr>
<th>GS-6™ Additive—Product Specifications</th>
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<tbody>
<tr>
<td><strong>Part No. (50-lb bag)</strong></td>
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<tr>
<td><strong>Bulk Density</strong></td>
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<td><strong>Form</strong></td>
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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.