LoSurf-300D™ Surfactant

LoSurf-300D™ nonionic liquid surfactant can be used as a nonemulsifier for application in acid and aqueous fracturing fluids.

Applications
LoSurf-300D surfactant can be added to stimulation fluids for treatment of either sandstone or limestone formations. The performance of a nonemulsifier can be influenced by the release of fines, concentration and type of other additives, and dilution of the treating fluid with formation water. Properly conducting tests before the job will help prevent many of these problems.

Compatibilities
LoSurf-300D surfactant is nonionic and is compatible with most other acid additives. It is incompatible with strong oxidizers.

Benefits
LoSurf-300D surfactant can provide the following benefits:
- It is effective at low concentration (as little as 0.5 gal/Mgal in fracturing fluids).
- It maintains surface-tension reduction at concentrations as low as 0.001%.

LoSurf-300D™ Surfactant – Product Specifications

<table>
<thead>
<tr>
<th>Part No. (Bulk)</th>
<th>Form</th>
<th>Part No. (Tote Tank)</th>
<th>Specific Gravity</th>
<th>Part No. (55-gal Drum)</th>
<th>Freezing Point</th>
<th>Part No. (5-gal Can)</th>
<th>Flash Point</th>
<th>Part No. (1-pt Sample)</th>
</tr>
</thead>
<tbody>
<tr>
<td>101783481</td>
<td>Amber Liquid</td>
<td>101783480</td>
<td>0.903</td>
<td>101783479</td>
<td>&lt;-22°F (&lt;-30°C)</td>
<td>101783478</td>
<td>&lt;-65°F (&lt;18.3°C)</td>
<td>101783477</td>
</tr>
</tbody>
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