LoSurf-2000L™ surfactant is a liquid surfactant. It is a blend of anionic nonemulsifier and an anionic hydrotrope. LoSurf-2000L surfactant can be used as a surface-tension reducer and nonemulsifier in fracturing and acidizing applications.

**Applications**

LoSurf-2000L surfactant can be added to stimulation fluids by metering into the treatment for on-the-fly application.

LoSurf-2000L surfactant can prevent and/or remove emulsion or water blocks during stimulation treatments. It can also be used in water-based mud dispersants, preflushes, acids, HF acid, and overflushes.

**Compatibilities**

LoSurf-2000L surfactant is compatible with the following fracturing/acidizing fluids:

- Delta Frac® service
- Delta FracPac® service
- HyBor™ system
- Pur-Gel III™ service
- Thermagel™ service
- Sirocco® service
- Delta Frac 275 service
- My-T-Gel™ fluid
- Sandstone 2000™ service

- hydrochloric acid (HCl)
- MOD™ acids
- HTA-710™ acid containing HAI-81M™ or HAI-GE™ inhibitors
- SGA-II™ and SGA-HT® gelling agents
- SWIC II™ system

LoSurf-2000L surfactant is anionic. It is ionically compatible with other anionic, anionic/nonionic, and nonionic surfactant blends. When cationic components are present in the stimulation blend, the addition of mutual solvents or a surfactant dispersant such as A-Sperse™ enhances compatibility.

**Benefits**

LoSurf-2000L surfactant provides the following benefits:

- tested environmentally responsible by Environmental Protection Agency (EPA) oil and grease tests (Method 1664)

### LoSurf-2000L™ Surfactant—Product Specifications

<table>
<thead>
<tr>
<th>Part No. (55-gal drum)</th>
<th>Specific Gravity</th>
<th>1.13</th>
</tr>
</thead>
<tbody>
<tr>
<td>Part No. (sample)</td>
<td>Bulk Density</td>
<td>9.42 lb/gal</td>
</tr>
<tr>
<td>Form</td>
<td>Flash Point</td>
<td>&gt;200°F (&gt;93°C)</td>
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</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.