DCA™-30005 Solid Scale Inhibitor

DCA™-30005 solid scale inhibitor is placed along with the proppant during fracturing treatments to inhibit scale formation.

Features
DCA-30005 solid scale inhibitor, unlike other scale inhibitors, does not interfere with crosslinked fracturing fluids. The low solubility of DCA-30005 solid scale inhibitor controls the flash release of inhibitor that can affect crosslink time. The slower release characteristic allows a higher percentage of DCA-30005 solid scale inhibitor to remain in the proppant pack for long-term scale control.

Applications
DCA-30005 solid scale inhibitor effectively controls calcite, gypsum, and barite scales. During fracturing treatments, the preferred placement of DCA-30005 solid scale inhibitor is in the middle third to half of the proppant stage. This placement can reduce the possibility of the scale inhibitor being produced with proppant flowback following the treatment.

Compatibilities
- DCA-30005 solid scale inhibitor is compatible with all current aqueous DFS™ fracturing fluid services
- DCA-30005 solid scale inhibitor is not compatible with acidic fluids (pH < 4)

Benefits
DCA-30005 solid scale inhibitor can provide the following benefits:
- Can be placed in the same treatment with proppant
- Delivers scale protection active treatment in the propped fracture to help maintain conductivity
- Placed with the fracturing treatment to give protection with first water production
- Lessens the possibility of formation damage, reducing downtime, and production costs

### DCA™-30005 Solid Scale Inhibitor Specifications

<table>
<thead>
<tr>
<th>Part No. (50lb fiber drum)</th>
<th>Bulk Density</th>
<th>Form</th>
<th>pH</th>
<th>Temperature limit</th>
</tr>
</thead>
<tbody>
<tr>
<td>100012775</td>
<td>85.1 lb/ft³</td>
<td>10-30 mesh clear granular solid</td>
<td>7 to 7.5 when dissolved in fresh water</td>
<td>175°F (79°C)</td>
</tr>
<tr>
<td>Specific Gravity</td>
<td>2.75</td>
<td>Temperature limit</td>
<td></td>
<td></td>
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</tbody>
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