Product Description

SL-ASD Asphalt Dispersant is composed of 8-12 carbon alkyl alcohol polyether carboxylic acids, 8-10 carbon alkyl phenol polyether carboxylic acids, unsaturated carboxylic acid higher alcohol ester polymers, ethylene vinyl acetate polymers, amine and amino compound. It has dispersion effective for the resin and asphaltene in the high viscous oil, prevent gum, asphaltene molecules gathered into the pile. Adding this agent could decrease the viscosity of heavy oil, long-term use can extend the wall cleaning cycle. It also has scavenging effect for the resin and asphaltene bonded on the wall of the tubing.

Technical Indicators

<table>
<thead>
<tr>
<th>Item</th>
<th>Indicator</th>
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</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Yellow to brown liquid</td>
</tr>
<tr>
<td>Density, g/cm² 20°C</td>
<td>0.80~1.10</td>
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<tr>
<td>Dispersion rate</td>
<td>80%</td>
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Application

1. Used in the anhydrous or aqueous lower heavy oil wells, pipelines. Adding it to decrease viscosity and prevent the resin and asphaltene precipitated. Adding the original agent by proportioning pump, or add after plus aromatic solvent in the original agent and diluted 3-5 times. Reference concentration 0.1%.

2. The agent could also be added when blending the light crude oil, decrease the amount of light crude oil. The adding amount is 1-2% of the light crude oil.

3. When the resin and asphaltene adhere much in the oil well wall and need to be cleaned. This agent can be diluted by diesel oil, heavy aromatics and light crude oil which the viscosity is lower than 50mPa.s to about 10times, then heated to 120~150°C and injected into the wells. The wells will be clean up in continuously pumping state. If occurred blocking, shut bored wells 6-10 hours, repeat the cleaning operations.

4. This agent has several medels to adapt to different heavy oil. Adding frequently can extended regular cleaning cycle.

Using Method

The injecting amount is about 60-100ppm, and should be doubled in the initial month.

Caution

This product is flammable and explosive, should be stored at aeration-drying, shady and cool places.

During the process of the application, the customer should choose the best service conditions according to the actual case of the factory.

http://www.sloilfield.com
Packing and Storage

Packing: Contained in a plastic bucket and the net weight/bucket is 170kg.

Storage: In the environmental temperature, airtight and dry conditions.