SL-FR-CP | Oil-Solubility Crude Oil Pipeline Friction Reducer

Product Description

SL-FR-CP Oil-Solubility Crude Oil Pipeline Friction Reducer is a kind of additives which can reduce the resistance of crude oil gathering and transportation. This chemical will improve the circulation performance of the pipeline and reduce the energy consumption.

Technical Indicators

Technical Indicators of SL-CP

<table>
<thead>
<tr>
<th>Item</th>
<th>Indicator</th>
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<tbody>
<tr>
<td>Appearance</td>
<td>uniform liquid without impurities</td>
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<tr>
<td>Density, g/cm³ 20°C</td>
<td>≥ 0.91~1.05</td>
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<tr>
<td>Closed-cup flash point, °C</td>
<td>≥ 60</td>
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<tr>
<td>Compatibility with demulsifier, (dehydration rate) %</td>
<td>≥ 85</td>
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<tr>
<td>Friction reduction ratio, %</td>
<td>≥ 15</td>
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Distinguishing Features

1. It equips the properties of reducing resistance and improving transportation capacity.
2. Good compatibility with demulsifier.

Functional Mechanism

When the chemical is added into the crude oil flow, depend on the viscoelasticity itself, large molecular chains of natural tension in the flow direction, which can affect the activity of fluid particles. The friction reducer molecules will be distorted, rotational deformation under the impact of fluid particles radial function. But they can resist the forces by its intermolecular interaction, and then turning most wasted energy into axial force. On the macro performance, the friction loss of the fluid is reduced, known as friction reduction.

Application

Application in the oil gathering and transportation engineering, for improving the transmission capacity of the pipeline.

Packing and Storage

Packing: Contained in a plastic bucket and the net weight/bucket is 200±2kg.
Storage: In the environmental temperature, airtight and dry conditions.

http:// www.sloilfield.com

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