FQE® Oil Degreaser is a straw colored, highly alkaline liquid cleaning compound.

This product is designed for reduced foaming applications and contains sequestering agents to aid in soil removal. FQE Oil Degreaser is designed to be used in the removal of heavy deposits such as those found in heavy oil and grease systems and as a smokehouse cleaner for soot removal. It is effective in the removal of grease and heavy oils typically encountered with heavy machinery and within petroleum processing equipment and rig washes.

**Application**
FQE Oil Degreaser is added at 6-8 ounces per gallon of water. Application on painted surfaces is not recommended. Prolonged contact with painted surfaces may result in removal of the paint.

FQE Oil Degreaser should be allowed to contact the surfaces to be cleaned for as long as possible (a minimum of 5 minutes is suggested) and followed with a thorough water rinse.

**Dilution**
Light duty applications – 2-4 oz. per gallon of water.
Heavy duty applications – 6-8 oz. per gallon of water.

### Product Data

<table>
<thead>
<tr>
<th>Property</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bulk density</td>
<td>8.78 lb/gallon</td>
</tr>
<tr>
<td></td>
<td>1052 kg/m³</td>
</tr>
<tr>
<td>Solubility</td>
<td>Complete in Water</td>
</tr>
<tr>
<td>Flash point</td>
<td>&gt; 200°F (93°C)</td>
</tr>
<tr>
<td>Approximate storage life</td>
<td>1 year</td>
</tr>
</tbody>
</table>

### Standard Package

55 US gallons (208 litre) closed head poly drum, tote bin, or bulk.
Rail Car Chemical Decontamination & Change of Service

Results Achieved
Cleaning efficiency increased removed all traces of LEL and H2S of dollars in manpower and Dissolved the asphaltenes and left over after chemical cleaning 2S

A service company utilized FQE® Solvent-ME, cleaning application at petroleum refinery located in Delaware. The refiner was looking to conduct a change of service on their rail cars from dark oil (crude oil) to clear fluid (ethanol) service. The cars needed to be fully de-oiled to eliminate the client had been cleaning an Road was subsequent to

As part of the initial decontamination process to remove the bulk of the crude oil, FQE Solvent-ME was vapour-phased injected with steam into the rail cars at To ensure that all the cars were truly de-oiled; down to the porous cavities in the steel surface, FQE Cle

of a final polish.

Previously, the client traditionally had issues with LEL and VOC le was oil-free. Minimal sludge deposits were

Large volumes that required additional

Results Achieved
Significantly reduced mechanical dissolving heavy sludge in the cleaning costs and timelines by

 frac

was applied first to dissolve and flush away heavy deposits at present due to the solvent that was trapped in the asphaltene buildup in the mixture. The previous attempt by a competitor to clean the settler left LEL & ASPHAL TENES WATER, SOLIDS UNDERFLOW SPACE

A large Canadian oil sands operator utilized FQE® Chemical Decontamination and NORM Decontamination

New exclusive chemical application of radioactive scale in the oil and gas industry

Options for the mitigation of radioactive hydrocarbon fouled exchangers

New shock treatment application for heavy Exchanger Cleaning On-line / In-Service

WHITE PAPER

Primary Separation Settler

CASE HISTORY

Clean Cone Bottom

Chemical Decontamination of a

Chemical Decontamination and

CASE HISTORY

Clean Cone Bottom

Chemical Decontamination of a

Chemical Decontamination and

CASE HISTORY

Clean Cone Bottom

Chemical Decontamination of a

Chemical Decontamination and

CASE HISTORY

Clean Cone Bottom

Chemical Decontamination of a

Chemical Decontamination and

CASE HISTORY

Clean Cone Bottom

Chemical Decontamination of a

Chemical Decontamination and

CASE HISTORY

Clean Cone Bottom

Chemical Decontamination of a

Chemical Decontamination and

CASE HISTORY

Clean Cone Bottom

Chemical Decontamination of a

Chemical Decontamination and

CASE HISTORY

Clean Cone Bottom

Chemical Decontamination of a

Chemical Decontamination and

CASE HISTORY

Clean Cone Bottom

Chemical Decontamination of a

Chemical Decontamination and

CASE HISTORY

Clean Cone Bottom