Mobiltherm 43
Mobil Industrial, United States

Premium Heat Transfer Oil

Product Description
Mobiltherm 43 is a formulated paraffinic type fluid designed for closed heat transfer systems operating at higher bulk temperatures including demanding open systems. It has a high specific heat and thermal conductivity to provide more rapid heating and greater flexibility in a system.

Features and Benefits
When used as recommended, Mobiltherm 43 will provide the following benefits and advantages:

- Resistant to thermal cracking - performs well up to 315.5°C (600F)
- Excellent Oxidation Stability - Minimizes sludge and acid formation, extends product life
- Low Temperature Performance - Permits easy cold weather starting in temperatures down to -6.7°C (20F)
- High Heating Efficiency - High specific heat and thermal conductivity help keep fuel costs down
- Low Volatility - Reduces potential for pump cavitation

Applications
Mobiltherm 43 is recommended for the following applications:

- Asphalt and cold tar storage, transport and compounding
- Dyes, chemicals and pharmaceuticals manufacture
- Lumber drying
- Paper and paperboard production
- Petroleum products processing
- Plywood laminating
- Rubber and plastics molding, extrusion, curing, and calendering
- Sheet metal laminating
- Solar energy heat transfer and storage
- Textiles (hot calendering)
- Tiles, linoleum, and roofing products
- Varnish and resins manufacture

Typical Properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Product Code</td>
<td>68036-3</td>
</tr>
<tr>
<td>CMCS Code, drum</td>
<td>98GB07</td>
</tr>
<tr>
<td>Specific Gravity</td>
<td>0.8772</td>
</tr>
<tr>
<td>Pour Point, C (F), max, ASTM D 97</td>
<td>-12(10)</td>
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<tr>
<td>Flash Point, C(F), min</td>
<td>198(390)</td>
</tr>
<tr>
<td>Viscosity, ASTM D</td>
<td>445</td>
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<tr>
<td>cSt at 40C</td>
<td>30.6</td>
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Mobiltherm 43

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
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<tbody>
<tr>
<td>cSt at 100C</td>
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<td>SUS at 100F</td>
<td>158</td>
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<td>SUS at 210</td>
<td>43.3</td>
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<tr>
<td>Auto-Ignition Temperature, C(F)</td>
<td>354(670)</td>
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<td>Color, ASTM D 1500</td>
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</tbody>
</table>

Health and Safety

Refer to the Material Safety Data Sheet for safety and health information.

Material Safety Data Sheets can be obtained from your local distributor; via the Internet on http://www.msds.exxonmobil.com.

For additional technical information or to identify the nearest U.S. Mobil supply source, call 1-800-662-4525.

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