Royal Heat Transfer Oil

*Heat Transfer Oil*

**PRODUCT DESCRIPTION:**

*Heat Transfer Oil* is specially formulated with excellent oxidation stability and exceptional resistance to thermal decomposition. Special additives reduce the formation of deposits. The special thermal properties of *Heat Transfer Oil* permit a fast and efficient heat transfer.

*Heat Transfer Oil* can be used in open systems with expansion tank temperatures of up to 185°C (365°F) and in closed systems with expansion tank temperatures up to 315°C (600°F).

**KEY FEATURES:**

- Heat transfer properties
- Resistance to thermal decomposition

**CUSTOMER BENEFITS:**

- Fast and efficient
- Reduces deposit formation

**APPLICATIONS:**

For use in a wide variety heat transfer applications
# Typical Properties

<table>
<thead>
<tr>
<th>Heat Transfer Oil</th>
<th></th>
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</thead>
<tbody>
<tr>
<td><strong>Product Number</strong></td>
<td>650</td>
</tr>
<tr>
<td><strong>API</strong></td>
<td>31.87</td>
</tr>
<tr>
<td><strong>Specific Gravity</strong></td>
<td>0.86615</td>
</tr>
<tr>
<td><strong>Lbs/Gal</strong></td>
<td>7.213</td>
</tr>
<tr>
<td><strong>Density</strong></td>
<td>0.86566</td>
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<tr>
<td><strong>Flash Point °C</strong></td>
<td>203</td>
</tr>
<tr>
<td><strong>Pour Point °C</strong></td>
<td>-15</td>
</tr>
<tr>
<td><strong>Color</strong></td>
<td>&lt;3.5</td>
</tr>
<tr>
<td><strong>Viscosity@100°C cSt</strong></td>
<td>6.954</td>
</tr>
<tr>
<td><strong>Viscosity@40°C cSt</strong></td>
<td>47.29</td>
</tr>
<tr>
<td><strong>Viscosity Index (VI)</strong></td>
<td>103</td>
</tr>
</tbody>
</table>

Test Method

- **API**
- **ASTM D4052**
- **ASTM D92**
- **ASTM D97**
- **ASTM D1500**
- **ASTM D445**
- **ASTM D445**
- **ASTM D2270**

Typical Properties are typical of those obtained with normal production tolerance and do not constitute essentially a specification. Variations that do not affect product performance are to be expected during normal manufacture and at different blending locations. The information contained herein is subject to change without notice.

### Health and Safety:

When used for its intended application, this product is not expected to have any adverse health implications. For complete information on safe handling, as well as physical and chemical characteristics please refer to the Safety Data Sheet (SDS) found on our website, [www.royalmfg.com](http://www.royalmfg.com), or call 918-584-2671. Do not use this product for purposes other than its intended use. Please be responsible to the environment when disposing of used product.

### Packaging options:

![Drums](image)

**Drums**

![Totes](image)

**Totes**