Mobilith SHC™ Series
Synthetic multipurpose greases

Engineered to meet or exceed the demands of severe applications at extreme temperatures, Mobilith SHC™ Series greases help provide:

- Easy startup down to -40°C (-40°F) and excellent protection up to 150°C (302°F)
- Powerful protection in hostile aqueous environments
- Potential to limit energy consumption and enhance mechanical life

Long relubrication intervals help minimize downtime and maintenance costs.

Exceptional protection, even in extreme conditions, helps limit maintenance.

Help promote long equipment life through resistance to rust, corrosion and wear.

Maximum performance
Mobilith SHC Series greases show significantly higher performance compared with a conventional mineral oil-based grease.

370+ builders approve or endorse Mobilith SHC Series greases

- Mobilith SHC™ 220
- Simple lithium grease
**Mobilith SHC™ Series**

**Low-temperature performance**
In ASTM D1478 testing, Mobilith SHC™ 220 grease demonstrates significantly lower torque than ISO 220 simple lithium mineral oil grease. Lower torque means easier startups at low temperatures.

![Low-temperature performance graph]

**Oxidation resistance**
In laboratory tests, Mobilith SHC 220 grease demonstrates more than three times the oxidation resistance as a simple lithium mineral oil grease. Oxidation resistance contributes to long lubricant life and helps minimize varnish and sludge deposits.

![Oxidation resistance graph]

**Typical properties***

<table>
<thead>
<tr>
<th></th>
<th>DIN 51825</th>
<th>Color</th>
<th>NLGI Grade</th>
<th>Viscosity Grade</th>
<th>Operation Temperature</th>
<th>Mechanical Performance</th>
<th>General Applications</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mobilith SHC 100</td>
<td>KPHC2N-40</td>
<td>Red</td>
<td>2</td>
<td>100</td>
<td>-40</td>
<td>150</td>
<td>Electric motor bearings</td>
</tr>
<tr>
<td>Mobilith SHC 220</td>
<td>KPHC2N-30</td>
<td>Red</td>
<td>2</td>
<td>220</td>
<td>-30</td>
<td>150</td>
<td>Multiservice industrial and automotive applications</td>
</tr>
<tr>
<td>Mobilith SHC 221</td>
<td>---------</td>
<td>Light Tan</td>
<td>1</td>
<td>220</td>
<td>-40</td>
<td>150</td>
<td>Multiservice industrial and automotive applications in centralized grease systems</td>
</tr>
<tr>
<td>Mobilith SHC 460</td>
<td>KPHC1-2N-40</td>
<td>Red</td>
<td>1.5</td>
<td>460</td>
<td>-40</td>
<td>150</td>
<td>Multiservice heavy-duty industrial applications</td>
</tr>
<tr>
<td>Mobilith SHC 007</td>
<td>GPHC00K-30</td>
<td>Red</td>
<td>0</td>
<td>460</td>
<td>-50</td>
<td>150</td>
<td>Enclosed gearboxes</td>
</tr>
<tr>
<td>Mobilith SHC 1500</td>
<td>KPHC1-2N-30</td>
<td>Red</td>
<td>1.5</td>
<td>1500</td>
<td>-30</td>
<td>150</td>
<td>Very heavy-duty industrial applications</td>
</tr>
<tr>
<td>Mobilith SHC 1000 Special</td>
<td>KPFHC2N-30</td>
<td>Gray/Black</td>
<td>2</td>
<td>1000</td>
<td>-30</td>
<td>150</td>
<td>Contains solid lubricants supporting very low-speed, heavily loaded bearings operating in extreme heavy-duty boundary conditions</td>
</tr>
</tbody>
</table>

**Safety**
Long grease and equipment life, as well as optimum wear protection, can help minimize maintenance and the safety risks associated with employee–equipment interaction.

**Environmental Care**
Long grease life can help minimize the need for product and packaging disposal. Low traction coefficient potentially can help minimize energy consumption.

**Productivity**
Minimized maintenance downtime for relubrication and equipment repair can help enhance operational productivity.

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*Typical properties are typical of those obtained with normal production tolerance and do not constitute 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. All products may not be available locally. For more information, contact your local ExxonMobil contact or visit exxonmobil.com. ExxonMobil is comprised of numerous affiliates and subsidiaries, many with names that include Esso, Mobil, or ExxonMobil. Nothing in this document is intended to override or supersede the corporate separateness of local entities. Responsibility for local action and accountability remains with the local ExxonMobil-affiliate entities.

†Low-temperature claims based on ASTM D1478 results vs. maximum limits of 10,000/1000 gcm at startup and 1 hour, respectively.

§Visit mobilindustrial.com to learn how certain Mobil-branded lubricants may provide benefits to help minimize environmental impact. Actual benefits will depend upon product selected, operating conditions and applications.

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