Castrol HLX 30 & 40 Marine Diesel Engine Lubricants

Product Description and Application

Castrol HLX 30 & 40, positioned at the top of the Castrol range of mineral based lubricants, are formulated for use in very highly rated high speed marine and power generation diesel engines that use distillate fuel with sulphur from zero up to 1% and that require extreme performance. They are particularly suitable for high power density applications such as fast ferries.

Castrol HLX 30 & 40 have been specially formulated to meet the latest performance requirements of marine monograde lubricant specifications, allowing extended drain periods to effectively compete with performance normally associated with synthetic oils.

Product Specifications

Castrol HLX 30 & 40 may be recommended where the following specifications and manufacturers’ requirements are cited:

- Caterpillar: Micro Oxidation Test (3600 series diesel engines).
- ACEA: E3
- API: CF
- Deutz MWM
- Mercedes Benz: 228.2
- Man: 3275,270
- MTU: Approved monograde type 2 oil.
- Ruston
- Wartsila
- Volvo: VDS-2
- Ministry of Defence: OMD113
- NATO: 0-278

B1713/04 replaces B1344/99
Product Features & Benefits

Castrol HLX 30 & 40 use premium additive technology blended in high quality, high viscosity index base oils. They provide the superior detergency and excellent thermal and oxidative stability required to lubricate today’s most severe diesel engine applications. Castrol HLX 30 & 40 are Super High performance Diesel (SHPD) lubricants.

In summary, Castrol HLX 30 & 40 provide:

- Extended oil drain intervals
- Excellent high temperature performance
- Superior resistance to bore polishing.
- Improved lacquer resistance.
- Synthetic performance in a mineral oil.

Typical Characteristics

<table>
<thead>
<tr>
<th>SAE Rating</th>
<th>KV @ 100°C</th>
<th>KV @ 40°C</th>
<th>Closed Flash Point °C</th>
<th>Pour Point °C</th>
<th>TBN</th>
<th>API Service Rating</th>
</tr>
</thead>
<tbody>
<tr>
<td>40</td>
<td>14.0</td>
<td>138</td>
<td>&gt;200</td>
<td>&lt; -12</td>
<td>12.0</td>
<td>CF</td>
</tr>
<tr>
<td>30</td>
<td>11.5</td>
<td>102</td>
<td>&gt;200</td>
<td>&lt; -12</td>
<td>12.0</td>
<td>CF</td>
</tr>
</tbody>
</table>

The above data is typical and does not constitute a specification

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Health, Safety & Environment

Castrol HLX 30 & 40 are considered non-hazardous according to Worksafe. However, in line with safe handling practices, it is recommended that the handling instructions outlined in the Castrol Material Safety Data Sheets be followed.

Spillage

**Small:** Soak up using an inert mineral adsorbent such as Castrol MOP and dispose of in the appropriate manner.

**Large:** Corrective action usually dictated by individual company safety procedures. Immediate containment and subsequent removal is essential.

**Disposal:** Oily materials must not be allowed to enter groundwater, watercourses, sewerage or drainage systems. Refer to local Waste Disposal Authority for legal requirements.

Product Removal

**Bare Metal Surfaces:** Remove with Castrol solvent cleaners or water based degreasers.

**Hand Cleaning:** Use any of the Castrol range of hand cleaners, e.g. CareClean Lime.

**Other Surfaces:** Contact the Castrol Technical Advice Line on 1300 557 998.