LUBRICATION SYSTEM

1. General

- The lubrication circuit is fully pressurized and oil passes through an oil filter.
- The trochoidal type oil pump is chain-driven by the crankshaft.
- The oil filter is attached downward from the crankcase to improve serviceability.
- Along with the adoption of the VVT-i system, the cylinder head is provided with a VVT-i controller and a camshaft timing oil control valve. This system is operated by the engine oil.
Specifications

<table>
<thead>
<tr>
<th>Oil Capacity</th>
<th>Dry</th>
<th>4.5 liters (4.8 US qts, 4.0 Imp. qts)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>with Oil Filter</td>
<td>3.8 liters (4.0 US qts, 3.3 Imp. qts)</td>
</tr>
<tr>
<td></td>
<td>without Oil Filter</td>
<td>3.6 liters (3.8 US qts, 3.2 Imp. qts)</td>
</tr>
</tbody>
</table>

2. Oil Pump

- The trochoidal type oil pump is chain-driven by the crankshaft, and fits compactly inside the timing chain cover.
- Friction has been reduced by means of 2 relief holes in the internal relief system.