SERVICE BULLETIN

DATE: FEBRUARY 26, 2003  Service Bulletin: #236

MODEL: UNIVERSAL DIESEL
PROPULSION MODELS

SUBJECT: R.P.M. RANGES

There appears to be some conflicting specifications in the field with regards to
r.p.m. ranges for the current Universal propulsion models such as idle range,
cruising range and maximum r.p.m. range.

Below is a list of current Universal models with recommended r.p.m. ranges:

<table>
<thead>
<tr>
<th>MODEL</th>
<th>R.P.M</th>
<th>R.P.M.</th>
<th>R.P.M.</th>
</tr>
</thead>
<tbody>
<tr>
<td>M3-20B</td>
<td>1000 – 1200</td>
<td>2500 – 3000</td>
<td>3500 – 3600</td>
</tr>
<tr>
<td>M25XPB</td>
<td>1000 – 1200</td>
<td>2000 – 2500</td>
<td>2900 – 3000</td>
</tr>
<tr>
<td>M-35B</td>
<td>800 - 1000</td>
<td>2000 – 2500</td>
<td>2900 – 3000</td>
</tr>
<tr>
<td>M-40B</td>
<td>800 – 1000</td>
<td>2000 – 2500</td>
<td>2900 – 3000</td>
</tr>
<tr>
<td>M-50B</td>
<td>800 - 1000</td>
<td>2000 - 2500</td>
<td>2700 - 2800</td>
</tr>
</tbody>
</table>

These r.p.m. ranges are also listed in the operators manual that covers these models
publication # 200550, available through any Westerbeke / Universal dealer.

NOTE:
• Attempting to reduce idle speed below the minimum shown my produce unstable engine operation
  and stalling.

• The propeller used either 2 or 3 blade should allow the engine to reach its maximum rated r.p.m. at
  full open throttle underway in forward gear to ensure the availability of rated horsepower when
  needed.