General Remarks

Our medium speed engine types 48/60 and 58/64 are successfully used in ships and stationary power plants all over the world. Our demand is to improve our products continuously in order to ensure high quality and efficiency. Hence, field experiences count to the most valuable information we can receive for consequent development and improvement of our products. In recent years our field experience has shown that during engine operation, cracks and material breakouts on the side plate of our sleeve spring torsional vibration damper can occur.

Side Plates of Torsional Vibration Dampers

DCI / 332 - March 2014

Concerns
MAN Diesel & Turbo four-stroke engines L48/60, V48/60, L58/64

Filing Advice
Assembly group / work card 027
Recommendation

PrimeServ recommends to make a visually inspection of both side plates on a regular basis. Our experience has shown that the cracks were initiated at the bore- and threaded holes of the side plates.

Unfortunately an exact result can only be given, when the side plate is dismantled and crack tested. Therefore the vibration damper has to be dismounted, which takes approximately 3 or 4 days in total. MAN Diesel & Turbo recommends to change the inner and outer side plate between 80.000 to 100.000 running hours to ensure a safe and reliable engine operation.

It is highly recommended to perform this inspection since these cracks can lead to severe consequential damage on the torsional vibration damper.

This relates to the following engine types and serial numbers:

<table>
<thead>
<tr>
<th>Engine Type</th>
<th>Serial No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>48/60 L-type</td>
<td>Serial numbers from 1 130 000 to 1 130 300</td>
</tr>
<tr>
<td>48/60 V-type</td>
<td>Serial numbers from 1 135 000 to 1 135 300</td>
</tr>
<tr>
<td>58/64 L-type</td>
<td>Serial numbers from 1 110 000 to 1 110 467: Different vibration dampers are installed in engines with serial numbers from 1 110 241 to 1 110 467, depending on the application. If you do not know the type of vibration damper installed, please consult our Technical Service.</td>
</tr>
</tbody>
</table>

Additional information

Should you be interested in this work being performed by MAN Diesel & Turbo SE specialists, please contact our Technical Service in Augsburg or one of our worldwide Service Centers.

Contact

Should you have any queries, our Technical Service will be pleased to be of assistance:

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Please forward this information to your technical operating personnel and remember to inform us of the current operating hours of your MAN Diesel & Turbo engines.