

Action code: AT FIRST OPPORTUNITY

New Shaft Sealings for Cooling Water Pumps

SL11-547/BTT
July 2011

Concerns

Owners and operators of MAN Diesel & Turbo four-stroke diesel engines.
Type: Propulsion L27/38

Summary

Dear Sirs

Some examples of cooling water leakage into the engine lubricating oil have been reported from operators of propulsion engines in service. Investigations have revealed that the lip seal (item 013 on the attached drawing) has been damaged due to insufficient temperature capability of the lip seal. Due to the positioning of the telltale hole for oil/water leakage, a leaking rotating shaft seal (Item 014 on the attached drawing) can cause the cooling water to enter into the engine crankcase through the lip seal, without indication at the telltale hole.

In order to minimize this risk, a new type of lip seal made in a different material has been implemented as our standard.

In order to improve the durability of the rotating seal, we have also chosen to change supplier of this seal as of February 2011.

The new type of lip seal and rotating seal are fully interchangeable with the old types and can be purchased from our Spare Part Department. Only the new types will be available.

We recommend that the vessel's technical crew keep an eye on the cooling water consumption and check the water content in the lubrication oil on a regular basis, until the new seals have been installed.

For further information, please do not hesitate to contact our Technical Service Department:

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Yours faithfully



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