



Service Letter

SL01-393/OZS  
September 2001

**26-70 MC/MC-C Engines**  
**Cooling Water Leakage**  
Action Code: WHEN CONVENIENT

Dear Sirs

We have recently experienced a few cases of leakage from the cooling water spaces of the exhaust valve bottom piece, cylinder cover and cylinder liner.

For sealing the cooling water space of the exhaust valve bottom piece from the combustion chamber, we have so far recommended the use of Viton O-ring seals.

However, long-term tests have proved that U-type teflon sealing rings, with a spring back-up, provide an even better sealing performance in the service period between exhaust valve overhauls.

In addition to the newly introduced U-type seal, we recommend the use of new O-ring seals, with larger cross section diameters, for the remaining sealings in the cylinder units, in order to increase the safety margin against cooling water leakages. This applies to the uppermost sealing on the exhaust valve bottom piece as well as to the cooling jacket sealings against the cylinder cover and the cylinder liner.

The new sealing rings can be supplied as spare parts, and can be fitted in the existing grooves.

Questions or comments regarding this SL should be directed to our Dept. 2200.

Yours faithfully

MAN B&W Diesel A/S

Carl-Erik Egeberg

Uffe Mikkelsen

Encl.: Drawing

