

Examples of Matters Outside Scope of KEMEL's Responsibility

This page provides examples of matters related to KEMEL's product, "Stern Tube Seal Device," that fall outside the scope of KEMEL's responsibility. The cases introduced here are illustrative examples only and do not imply that any matters not listed on this page fall within the scope of KEMEL's responsibility. Please note that these examples may be updated from time to time.

1. Introduction

In the event of a malfunction occurring in the Stern Tube Seal Device, KEMEL's responsibility is limited solely to the Stern Tube Seal Device itself and its component parts. Any defects arising from or related to the hull structure, steel plates (including mounting surfaces), welds, coating, or anti-corrosion treatments of the hull fall outside the scope of KEMEL's responsibility.

Furthermore, the design, construction, repair, and maintenance of the hull are also outside the scope of KEMEL's responsibility, and must therefore be carried out under the customer's own responsibility.

2. Examples of Matters Outside Scope of KEMEL's Responsibility

Example 1 Leakage from the mounting surface on the hull for the AFT Stern Tube Seal, caused by corrosion or damage to the hull steel plating.

This issue results from corrosion or damage on the hull and is not attributable to the performance or quality of KEMEL's "AFT Stern Tube Seal Device". Accordingly, it falls outside the scope of KEMEL's responsibility.

Please ensure that the inspection and any necessary repair measures related to the hull conditions are carried out appropriately by the customer or the repair yard.

(1) Request to Customers Regarding This Issue

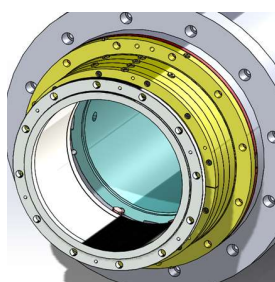
- Please inspect the condition of the hull steel plating and mounting surface on the hull, and carry out any necessary repairs as required.
- If oil or seawater leakage has already occurred due to corrosion or damage to the hull steel plating or mounting surface on the hull, please carry out immediate repairs to eliminate the hull-related defect.
- Please distinguish between defects attributable to KEMEL's AFT Stern Tube Seal and those attributable to the hull, and take appropriate action based on an accurate understanding of the respective scopes of responsibility.

(2) Inspection Points Requiring Particular Attention

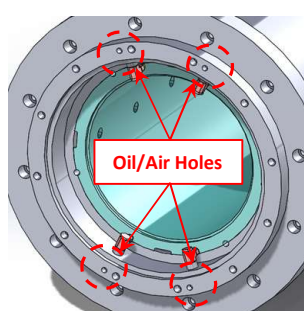
The AFT Stern Tube Seal Device is installed on the hull as shown in the diagram below.

If corrosion or damage occurs on the hull steel plating or mounting surface on the hull, and the oil or air passage holes in the hull become connected to the outboard (seawater) side, oil leakage or seawater ingress may occur.

Therefore, please perform a thorough inspection of the hull steel plating to ensure that no corrosion or damage exists that could create a connection between the hull's oil/air passage holes and the seawater side.



AFT Stern Tube Seal Device
(Reference)



The Hull Mounting Surface (Reference)



Example of Corrosion on the Hull Mounting Surface

(3) Response When Defects Are Identified by KEMEL's Service Engineers

- If, during seal replacement work or inspection, KEMEL's service engineers discover defects such as corrosion or damage on the hull steel plating or mounting surface on the hull, KEMEL will report these findings to the customer. However, such reporting is provided solely as a voluntary courtesy.

KEMEL assumes no responsibility whatsoever for whether such defects are discovered, whether they are reported, the content of any such report, or the timing of the report.

- The confirmation of any defect, the determination of whether repairs are necessary, the selection of repair methods, and the acceptance of the post-repair condition are entirely the customer's responsibility and fall outside the scope of KEMEL's responsibility.

As a general rule, KEMEL will not be involved in these matters. However, upon the customer's request, KEMEL may provide advice regarding repairs. Even in such cases, KEMEL assumes no responsibility for the execution or the results of the repair work. We kindly ask for your understanding.