

Instruction Changing Oil Charge / Lube Oil System	Respons. dept <b>GIMX</b>	Date <b>020422</b>	Reg.
	Prepared <b>Karin Eriksson, 81018</b>		

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## CHANGING THE OIL CHARGE IN LUBRICATING OIL SYSTEM

### 1 SCOPE

This instruction is valid for monitoring oil condition and changing oil charge after turbine operation.

This instruction is not valid if any type of repair has been done and the system has been opened (with risk of contamination).

### 2 MONITORING THE OIL CONDITION DURING TURBINE OPERATION

In-service monitoring of condition of the oil acc. to **K-8962-11**.

### 3 DRAINING OF OLD OIL

If the turbine has been in operation and the oil is of low quality, it can be necessary to clean the system before filling it up with a new charge of oil.

Drain all the oil in system at operation temperature and remember to switch the heaters off.

### 4 INSPECTION

Before cleaning, inspect the type and amount of impurities to be removed (tank and filter vessels especially).

### 5 CLEANING

Tank and filter vessels can be cleaned manually before refilling of the system.

- Cotton waste or fluffing rags must not be used for cleaning.
- Diesel fuel and silicon type sealing compound destroys oil and must not be used.

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## 6 NEW OIL AND ANALYSIS

Oil checked according to instructions:

**81 21 09 Material Specification (ISOVG46)**  
**DL-1171-1 (Technical Delivery Terms) and**  
**K-1171-7 (Delivery Control of Lubricating Oil).**

Oil is filled through oil filling connection on tank.

## 7 REFILLING WITH NEW OIL

Refill with new oil so that the oil level during operation will be within permitted limits.

During filling it is important to protect the ground from oil spillage if a hose connection would break, i.e. by the use of a temporary bunding.

## 8 APPENDICES

**81 21 09 (Mtrl Spec. ISOVG46)**  
**DL-1171-1 (Technical Delivery Terms)**  
**K-1171-7 (Delivery Control of Lubricating Oil).**  
**K-8962-11**

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