

SERVICE AND MAINTENANCE OF THE PROPELLER KS-SE

Daily

- 1 Check oil levels.
- 2 Check oil pressures.
- 3 Check the contamination reading for the filters. The filter elements must be changed before by-passing is indicated.

NOTE! The filter inserts must not be cleaned but have to be exchanged. Therefore filter inserts must always be available onboard the vessel. If no spare inserts are available on board the contaminated filters must remain untouched until new ones are available.

Every month

- 1 Check that all pipe connections and flanges etc. are tightened.
- 2 Check that all screws are tightened.
- 3 Open drain valve in the bottom of hydraulic power pack in order to release condensation water.
- 4 Open drain valve in bottom of OD-box in order to release condensation water. (Valid for OD-box mounted on front side of the gear.)
- 5 Check clearance between indicating rollers and indicating ring, adjust if necessary. (Not valid for OD-box mounted on front side of gear.)
- 6 Lubricate indicating ring surface with 5-10 g of grease. (Not valid for OD-box mounted on front side of gear.)

Every year

- 1 Send an oil sample to the oil manufacturer for analysis. Change the oil when required.

At docking

- 1 Check the oil in the propeller hub low pressure part.
- 2 Check that the propeller blades are undamaged.
- 3 Check that the K-mark of the blades corresponds to the K-mark on the scale of the OD-box.
- 4 Change the sealing rings under the propeller blades.