

WOODWARD GOVERNOR/ACTUATOR



Governors, Actuators and Controls are highly sophisticated major components that controls application speed and load.

To avoid engine/machinery/application breakdown, your Governors and Controls require regular service inspections to prevent problems and incidents before they occur.

Day to day maintenance

Inspection of oil level – oil must always

be visible in the oil sight glass.

Linkage and governor drive must be in good condition to ensure precise control.

Replace the governor oil if it is contaminated, and change it if it is suspected of contributing to instability. Drain the oil while it is still hot. Flush the governor with a clean solvent having some lubricating quality (fuel oil or kerosene) before refilling with new oil.

Oil grade selection is based on the operating temperature range of the governor.

Operation temperature: 60–93 Deg C. Select your oil according to Woodward manual 25071.

PJ Diesel Recommends overhaul every 5 years or after 25000 operation hours. Unless abnormal sound, temperatures or other is observed.

WE OFFER

- Overhaul in our skilled authorized workshop.
- Installation by certified engineers
- Exchange governors for fast Exchange
- Large stock of Woodward spare parts
- More than 20 years' experience



Reconditioning

When reconditioning a governor or an actuator in our test cell, we start by testing the unit for finding settings and get an idea on the state of the governor. If the unit can run, we observe sound, pressure and temperature changes under different operation modes.

After test, the governor / actuator is inspected physically by complete disassembly, all components are cleaned for dirt, lacquering and paint. for giving an estimated price for overhaul.

When quotation is accepted by the customer, the housing is painted with

a new environmentally friendly layer of paint. New genuine spare parts are installed where the old parts cannot be re used.

The governor is now as new, ready to be used the next 5 years or 2500 operation hours.

Testing

The governor / actuator is then adjusted and tested for final approval. Some governor types have an extensive test procedure depending on functionality. We make sure to document all measurements and settings in our test service protocol.

Our Woodward test equipment is updated for following the demands of the newest governor types from Woodward.

Guarantee

All products overhauled by PJ Diesel Engineering A/S have 2 years liability against defects and faults.

When the governor leaves our service facility, we seal the essential components making sure that no one have interfered with the settings.



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