

Wärtsilä RTA Fuel Pump Overhaul



Professional marine cargo transportation depends directly on the reliability and efficiency of the main engines. Core engine components, such as the fuel pumps, therefore require thorough inspection and maintenance at regular intervals. Wärtsilä offers flexible and cost-attractive overhaul packages for RTA fuel pumps.



RTA fuel oil pump

THE HEART OF YOUR ENGINE

Fuel pumps are key components of all low-speed two-stroke diesel engines.

A pump failure inevitably leads to a reduced engine performance or to a breakdown. In addition, using worn or insufficiently maintained pumps can have severe consequences:

- **Fuel consumption** increase as a result of worn components and consequently incorrect fuel pump timing
- **Higher maintenance costs** due to reduced time between overhauls
- **Damage of reputation** due to black smoke or vessel delays

CUSTOM-MADE PROFESSIONAL OVERHAULS

Wärtsilä offers a range of options for overhauling RTA fuel pumps.

Depending on the vessel's location, the port stay duration and the maintenance budget, several options are available:

- **Onboard partial overhaul** including linkage refurbishing and injection timing adjustment
- **Full overhaul** including dis- and re-assembly, onboard linkage refurbishing and injection timing adjustment
- **Customized overhaul**

Our attractive **package prices** consider the use of synergies in the maintenance of several vessels and volume discounts for spare parts orders.

BENEFITS

- Safeguard timely cargo delivery
- Achieve optimised operation costs
- Adapt our offering to your needs



Select the best option for you



Onboard partial overhaul

Onboard overhaul of fuel pump

- Dismantling valve covers
- Check/replacement of suction delivery and spill valves
- Lapping of block cover sealing surface
- Synchronizing local load indicator, regulating shaft and remote control
- Overhaul of eccentric spring link by renewal of the DU bushes.

Linkage overhaul

- Overhaul of the fuel linkage by renewal of worn spherical bearing bushes/pins, deep grooved ball bearings and bushes
- Adjustment of the fuel linkage.

Injection timing adjustment as per setting table (scope based on customer needs).



Full overhaul

Disassembly of pump

Workshop overhaul of fuel pump

- Cleaning and inspection
- Pressure test of fuel pump block
- Pre-inspection reporting
- Machine sealing surfaces
- Replacing seals and assembling new parts
- Preserving, packaging and reporting.

Re-installation of pump on board Linkage overhaul

- Overhaul of the fuel linkage by renewal of worn spherical bearing bushes/pins, deep grooved ball bearings and bushes
- Adjustment of the fuel linkage.

Injection timing adjustment as per setting table (scope based on customer needs).



Customized overhaul

Disassembly of pump (if necessary)

Workshop overhaul of pump

- Cleaning and inspection
- Pressure test of fuel pump block
- Pre-inspection reporting
- Machine sealing surfaces
- Replacing seals and assembling new parts
- Preserving, packaging and reporting.

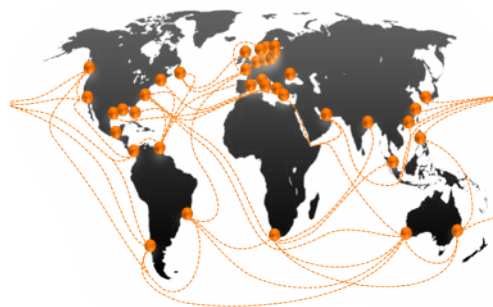
Installation of pump on board Linkage overhaul

- Overhaul of the fuel linkage by renewal of worn spherical bearing bushes/pins, deep grooved ball bearings and bushes
- Adjustment of the fuel linkage.

Injection timing adjustment as per setting table (scope based on customer needs).

Available worldwide

Fuel oil pump overhauls for Wärtsilä RTA engines are available in several workshops all over the world.



Get your quote today

Wärtsilä offers custom-made solutions based on an attractive package pricing. Contact your local Wärtsilä representative today!

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