

TASK 6.1: Water injection techniques

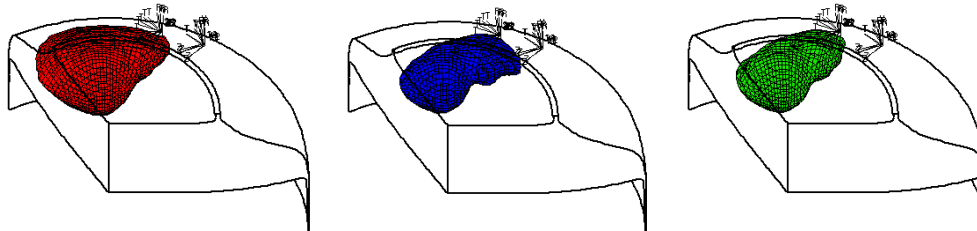
Objectives

- To confirm and quantify the NOx reduction potential of water injection
- To model water injection processes
- To develop water injection systems and test them on-board

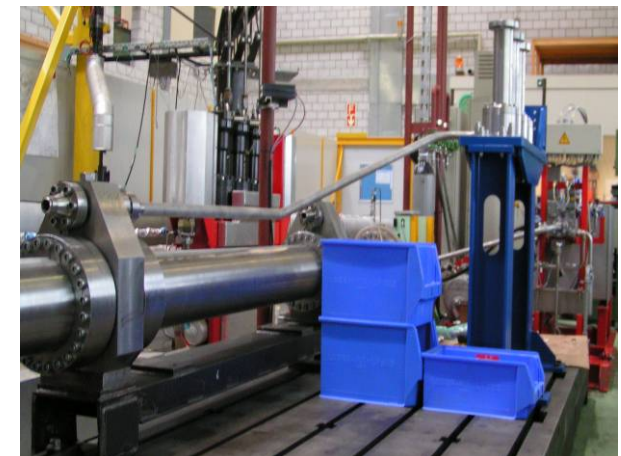


Highlights

- Further development of the Wetpac H humidification system.
- Additional verification through Wetpac H testing on lab engines at most adverse conditions.
- Comprehensive simulation studies for Direct Water Injection (DWI) system optimisation.



- DWI component manufacturing and testbed setup close to completion.
- Field test on board mv “Maersk Guernsey” in preparation.



Partners:



WALLENIUS  MARINE



I.P. HERCULES

Partners Forum, Copenhagen 5/10/2006