

# ECOTHERM® FUTUR 3 - NOZZLE TEST

#### Clean Nozzles → Improved Fuel Consumption





Standard LHO un-additised

worse injection → consumption increase

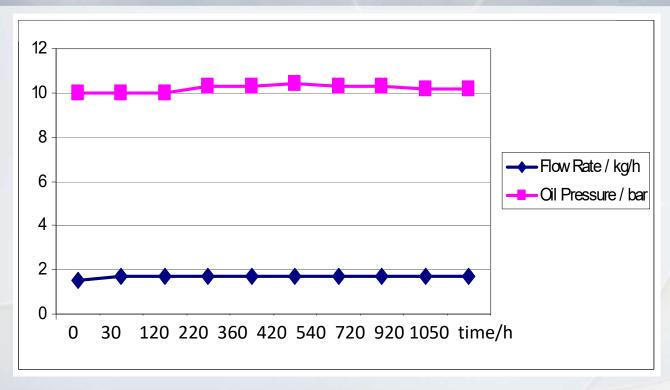




Premium LHO with ecotherm® futur 3
optimised injection



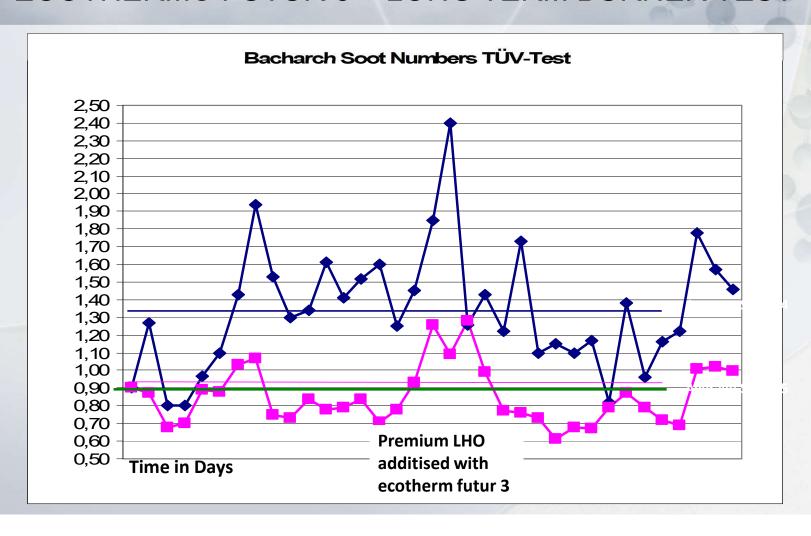
### ECOTHERM® FUTUR 3 - NOZZLE TEST



#### ecotherm® futur 3 - Nozzle Test

Danfoss Nozzle, new, no. 14, 0,50/60°,
Oil Pressure 10,0 bar, Standard LHO, T 10min/10min

# ECOTHERM® FUTUR 3 – LONG TERM BURNER TEST



#### ECOTHERM® FUTUR 3 – LONG TERM BURNER TEST

### **Key Results of Burner Comparison:**

- Soot formation of Premium LHO continously below SN 1
- Soot formation of Premium LHO is > 40% less than LHO un-additised
- CO content of Premium LHO is 80% less than LHO un-additised
- Efficiency loss of Premium LHO is one third in comparison to LHO un-additised

## **ECOTHERM® FUTUR 3**

- Is a unique and world class product which has been proven through extensive testing:
- Stability tests with all LHO grades according to:
  - Storage Stability (DGMK 570-2)
  - Thermal Stability (DGMK 570-1)
- Long Term Nozzle Test
- Long Term Burner Test carried out at TÜV Nord