

WATER FILTERING CASE STUDIES FOR
MULTIPLE GENERATOR ENGINES

Benefits of Using a Water Filter

- Improve heat transfer by avoiding the deposition of material on the surfaces of the cooling circuit.
- Increases machine reliability. We avoid problems in the cooling circuit due to insoluble in the water. Avoid performing the “banquet” or cleaning the radiators
- The filter does not retain corrosion inhibitor and lasts more than 6 months working 24 hours a day, it can be washed twice.
- The installation has a useful life of more than 15 years, made with 2,000 psi tubing (the cooling circuit works at a maximum of 2.5 bar).
- A bypass filter keeps the cooling water clean the entire time you use it. Iron is reduced to values below 0.5 ppm. Turbidity is kept below 10 NTU.

*Efficiencies



After

*Equipment Life



Before

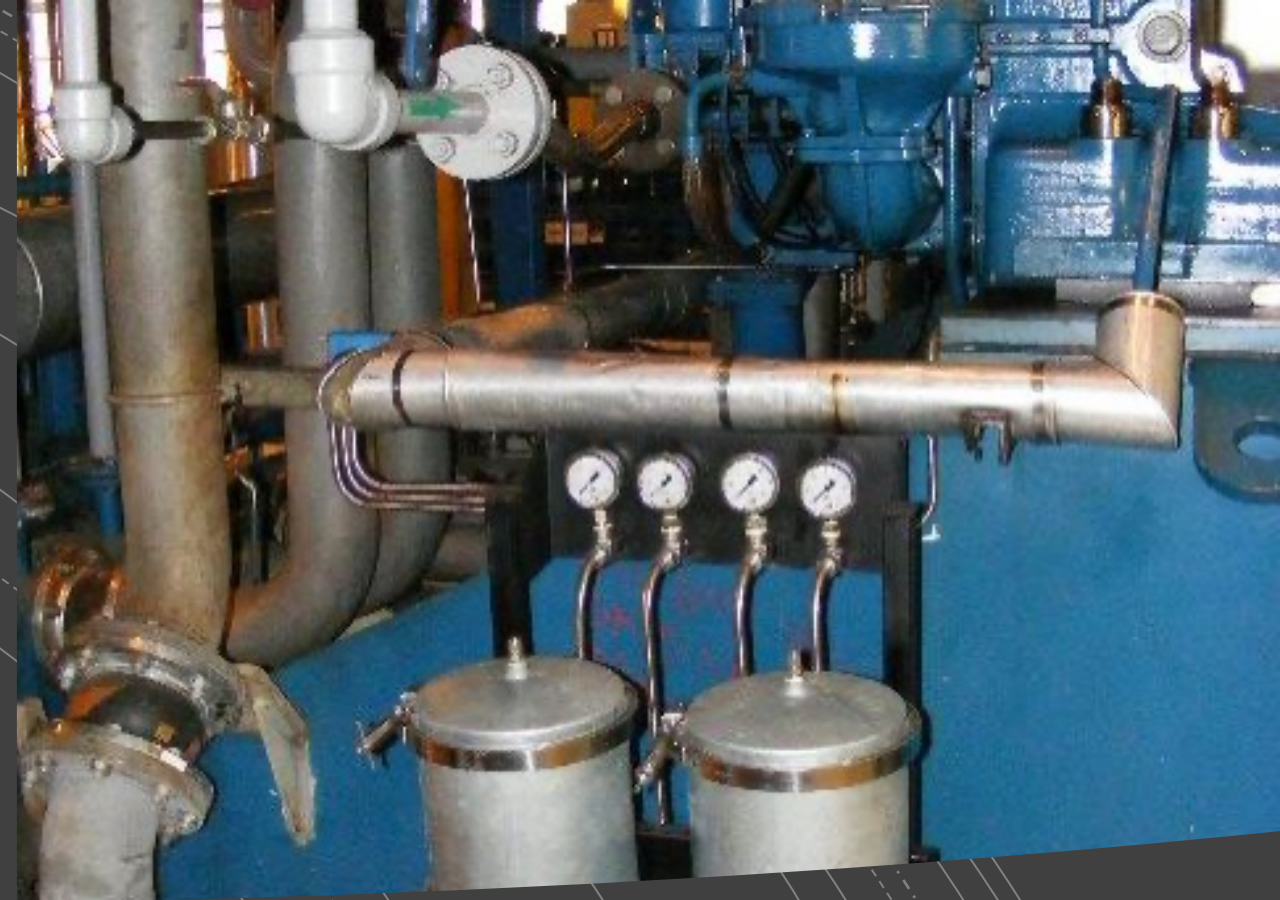


***Results from Caterpillar 3508 Diesel Generator Engine**



MOTOR HYUNDAI
9H21/32 400 gallons of
water





INSTALLATION MOTOR WARTSILA
VASA 32 / 16LN / 5.5. MW



MOTOR WAUKESHA SERIE VHP Generator

Filtering of Water-Cooling System