

CUSTOMER

Hässelby plant is a cogeneration plant located in Hässelby beach in western Stockholm in Stockholm. The plant is a production plant in Stockholm district heating network.

Contact: Bo Johansson

System: Port Crane MAN Gearbox
Oil type: Neste MP Hypoid 80W-140
Oil volume: 200 liters



PROBLEM

METAL PARTICLES IN OIL

Fortum Hässelbyberket has a crane to remove pellets to the CHP.

They analyze the oil regularly. Latest analysis showed magnetic particles in the oil.

An oil change was done and a new sample was taken.

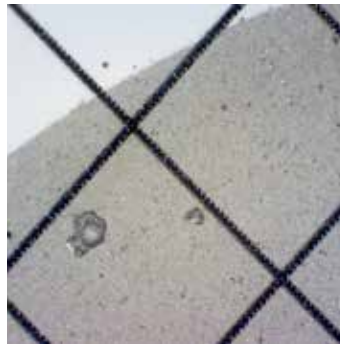
Although the new oil only been in operation for 30 minutes is contaminated!



SOLUTION

EF21 I5D

To prevent and safe lubricant film without metal particles in oil they installed Europafilter on the gearbox.



RESULT

ENHANCED PURITY OF OIL

Only three days after installation, the oil is very clean!

No particles over 0.8 microns can be found in the oil sample!

