

# MIRACLE BOY



## CASE STUDY: MIRACLE BOY ON SCREW COMPRESSORS

**CUSTOMER:** Daiken Clutch Co.

**APPLICATION:** 400HP Screw Compressor

The customer's goal was to increase service intervals, reduce operating and repair costs. As a result of the MB keeping the oil clean, maintaining very low water and acids the customer benefited in the following ways:

1. Oil change has not been required for the past 5 years.
2. Compressor energy usage reduced by 5-6%.\*
3. Overhaul was extended an additional 5 years.
4. Oil / air separator and filtration improved greatly.
5. Air filter changes reduced by 50%
6. Bearing life extend to the next overhaul

\*Please note that the energy usage reduction is only documented for oil injection screw compressors.

### MB INSTALLATIONS AND REFERENCES

Mitsubishi Turbines  
Hitachi Turbines  
All Korean Nuclear Plants  
Japan Nuclear Authority  
Nippon Steel  
Nippon Paper  
Mitsubishi Paper  
Japan Petroleum

### MB POWER GENERATION APPLICATIONS

Turbines   
Compressors   
Diesel Engines   
Tap Changers   
Transformers   
Gears, Bearings, Fans   
Wind Generation

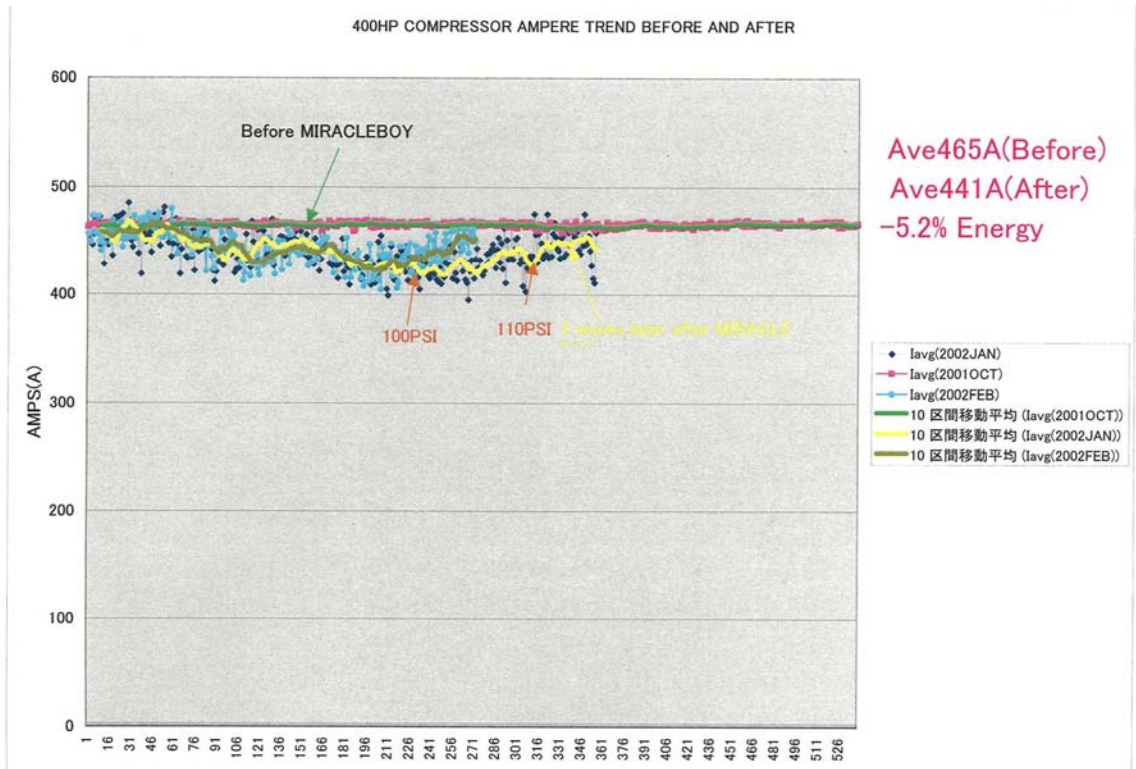


Manufacturing Plant



Paper Mill

400HP COMPRESSOR AMPERE TREND BEFORE AND AFTER



Meiji Corporation

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