

Mobil DTE Light Saves RMB 120,000 p.a for Hebei Xibaipo Power Co. Ltd.

Steam Turbine (Type: N300-16.7/537/537)
Hebei Xibaipo Power Co. Ltd.
Hebei Province, China
Mobil Customer since 1994

Objective

To reduce downtime and increase turbine operation reliability.

There are 2 sets of 300 MW steam turbine in Harbin Steam Turbine Plant. And due to the need to treat local lubricant, production is halt biannually.

Solution

ExxonMobil lubes engineer analyzed the situation and recommended Mobil DTE Light to replace the oil used previously. In addition ExxonMobil also provided Mobil's engineering service to monitor the oil condition.

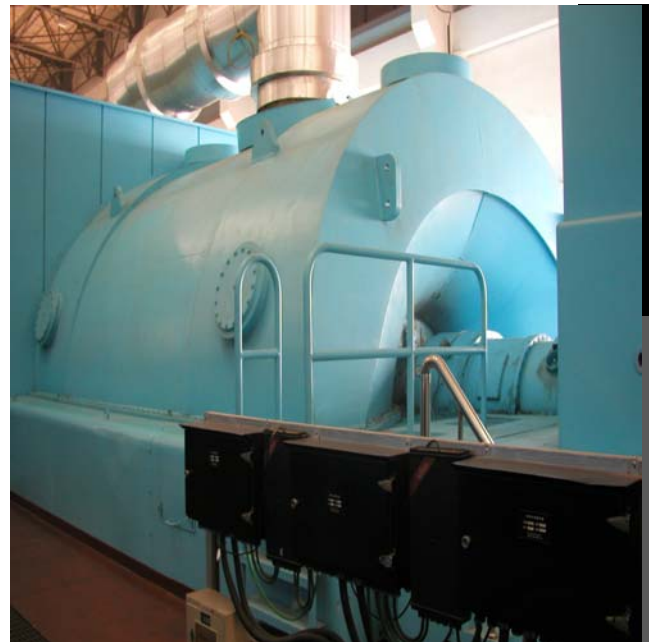
Result

- Extended the lubricant service life by about 10 times
- No need for re-treatment of the turbine oil since the change of oil.

Benefit

By using DTE Light, annual savings of RMB 120,000 was achieved by

- Reducing downtime(savings of RMB 0.72 million p.a per turbine)
- Reducing labor costs due to oil changes (savings of RMB 16,000 p.a per turbine)
- Reducing equipment maintenance & repair costs
- Reducing components wear rate
- Improving production efficiency and safety.



Hebei Xibaipo Power Co., Ltd.

