

Savings of US\$ 55,400 per year with Mobil Pegasus 705

WAUKESHA 12V-AT25 GL Gas Engines
Water & Power Plant of Changqing Petroleum Exploration Bureau
China
Mobil Customer since 1999

Objective

To increase production efficiency and reduce operation and maintenance costs by reducing valve damage.

Initially, all gas engines were lubricated by a competitor's API CD, SAE 15W40 engine oil. Changqing plant engineers found that two port valves were damaged every year in each engine. In addition to the valve damage, the turbochargers were also damaged frequently. Cylinder liner scuffing was experienced.

Solution

Replace the competitor's engine oil with **Mobil Pegasus 705** gas engine oil.

Provide Mobil planned engineering services and EM/PA monitor program.

Result

- The amount of burned port valves and broken turbochargers were significantly reduced.
- No cylinder liner scuffing was experienced.
- The gas engines are used to generate power and the average output increased by 3-5%, thus improving equipment efficiency.
- Oil drain interval doubled.

Benefits

Total savings of US\$ 55,400 was achieved annually.



WAUKESHA 12V-AT25 GL Gas Engine Lubricated with Mobil Pegasus 705

