

Proof Of Performance

Large Utilities Company demonstrates the potential savings of £375,000 per year by using Mobil DTE 10 Excel.

Situation

Committed to improving their environmental impact and reducing operational expense, This utilities company partnered with Moove and ExxonMobil to investigate the benefits of energy efficient lubrication. Used extensively in the water treatment process, it was recommended the Aeration Blower equipment was switched to Mobil DTE 10 Excel to increase hydraulic efficiency and reducing power consumption.

Result

In a closely monitored seven-month trial, the aeration blowers operating on Mobil DTE 10 Excel showed a reduced power consumption of up to 3.13% over the previous lubricant. This equated to a potential saving of £375,000.00 per annum as well as a significant reduction in CO2 emissions.

Further benefits of Mobil DTE 10 Excel include:

- Enhanced oxidation & thermal stability
- Up to 3x longer oil
- Ultra keep clean performance – reduced system deposits
- Excellent shear stability – stay in grade performance
- Fluid and equipment durability, even under extreme conditions

Our customers' Energy Efficiency Manager commented:

"The trial has been a great success and has really shown what we can save both in terms of money and energy. Not only is this good news for the environment but our customers will benefit too".

Bryan Donkin Sc95cn, Air Blower



Based on these results, If the utilities company were to employ this technology across all Blower Aerators, the reduced power consumption would equate to an energy saving of £375,00 p/year.