

# The New York Times

## Siemens and Fluitec Work Together to Improve Lubrication Performance

New agreement is based on years of lubrication and rotating equipment research

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Siemens AG, a global leader throughout the energy supply chain, and Fluitec, a clean technology company focused on lubricant condition monitoring and contamination control, have entered into an agreement to maximize the performance of lubricants used in rotating equipment. The safe and reliable operation of turbines and compressors depend upon contaminant-free lubricants. Siemens has long recognized the correlation between poor lubrication and reduced equipment reliability. To ensure that their equipment provides best-in-class performance, they have been engaged in advanced laboratory testing for many years to monitor the condition of the fluids used in their rotating equipment. This research has allowed Siemens to be on the cutting edge of lubrication used in rotating equipment.

A few years ago, Siemens identified a growing lubrication problem in rotating equipment caused by fluid degradation which created deposits known as varnish or lacquer. These deposits coat the internals of machine components impairing its dependable operation.

After significant research and testing, Siemens selected Fluitec's Electrophysical Separation Process (ESP) as its preferred technology to solve lubricant deposit issues, extending the life of both the oil and equipment components. Siemens and Fluitec are actively providing ESP technology to Siemens' own operating plants and global customer base.

Mr. Gerard Sterz of Siemens AG Energy Sector in Duisburg, Germany said, "The reliable operation of our turbines and compressors is of critical importance to Siemens. Providing our customers with Fluitec's ESP technology allows them to extend the life of their lubricant assets while improving plant efficiencies and uptime."