



FLORIDA UTILITY COMPANY POWERS UP WITH ISOCLEAN® CERTIFIED LUBRICANTS

“ All turbine oils are delivered at 16/14/11 reducing the expense and time for on site filtration of new oils. ”



The Challenge

A Chevron ISOCLEAN® Certified Lubricants Marketer has been supplying a large Florida-based power utility company. The company's power generating facilities include a mixture of gas, steam and combined cycle turbines servicing over 10 million people in the region. To help achieve this level of reliability, the company has a corporate wide mandate that all turbine oils used in operation must meet an ISO cleanliness code of 16/14/11. Meeting and maintaining this cleanliness level has been a challenge for the maintenance teams at each facility.

Investigation and Site Assessment

One of Chevron's Business Consultants and Industry Specialists uncovered these challenges when meeting with one of the company's maintenance planner. The company's current standard for turbine oil replacement included a third party filtration company coming onsite to filter the product off the bulk oil delivery truck and again once the product was inside the reservoir. The additional filtration equipment and contractors performing the work onsite increased the plant's liability and safety risk exposure. For small quantities of turbine oil, the maintenance planner shared the challenges around product handling with drums. They purchased a filter cart and found it took 6 days to filter 1 drum of turbine oil to achieve a ISO cleanliness code of 16/14/11.



Solution – Start Clean & Stay Clean

The Chevron and Lubrication Marketer team presented a complete turnkey solution utilizing the Chevron ISOCLEAN Certified Lubricants program. The Lubrication Marketer is now delivering Chevron GST 32 – ISOCLEAN Certified directly to the reservoirs at an ISO cleanliness code of 16/14/11. The ISOCLEAN Certification process is completed at the Lubrication Marketer's facilities which has reduced the time unloading the product and has eliminated the expense and risk exposure for a third party filtration company being onsite. For smaller quantity products, the Lubrication Marketer is delivering Chevron ISOCLEAN Certified Lubricants in sealed, dedicated tote dispensing systems which has eliminated the challenges and risk associated with drum handling.

Results – Extended Equipment Lifecycles and Improved System Performance

The Chevron ISOCLEAN Certified Lubricants program has enabled the company to meet the corporate ISO cleanliness requirements on all new turbine oils and reduces the complexity and liability during critical outages. The maintenance team has been able to refocus effort and time on maintaining systems as opposed to pre-filtering new oil. The team is working on implementing new Best In Class procedures for product handling inside the plant to ensure product cleanliness is maintained. This includes monitoring oil cleanliness while product is in service and setting up corrective action plans for when contamination levels fall outside the operating limits.

Contact us to learn more
about ISOCLEAN® Certified
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CLEAN. REDEFINED.