

MOBILSERVSM | RIG TEAM'S FAST RESPONSE GETS POWER PLANT TURBINE BACK TO PRODUCTION OVER PEAK CONSUMPTION HOLIDAY WEEKEND

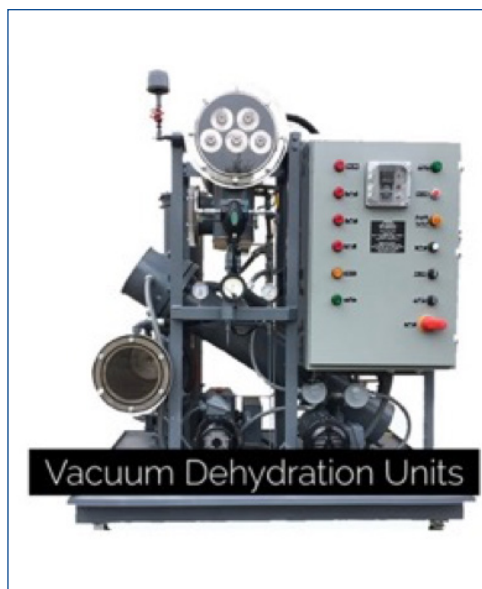
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Case Study

SYNOPSIS

An Ohio energy plant discovered a severely contaminated turbine lube system and needed an emergency lubricant change out, reservoir cleaning and 20,000 gallons of oil delivered over the New Year's Holiday. The MobilServSM & RIG teams were able to quickly mobilize to meet the customer need, including getting a vacuum dehydration unit on-site and the requested lubricants delivered within 28 hours of the initial call.

GLOBAL LEADERS IN PLANT LUBRICATION MAINTENANCE



MobilServSM & RIG teams mobilized with a portable Vacuum Dehydration Filtration Unit to run side stream filtration on the turbine.

Exxon Mobil and MobilServSM/RIG—We stand with those who make the world work!

INTRODUCTION

The customer realized their turbine lubrication was severely contaminated and they needed to perform a complete changeout of the product over the New Year's Holiday. This required 20,000 gallons of Mobil DTE 732 to be delivered as soon as possible and a quick turn-around vacuum dehydration procedure.

Exxon Mobil's Lubricant Sales Engineer coordinated a quick response with the operations and transportation teams to fill three bulk transport loads back-to-back-to-back within four hours of initial phone call. All 20,000 gallons of Mobil DTE 732 were delivered to the customer's plant in Ohio about 28 hours later.

At the same time, the Reliable Industrial Group (RIG) team deployed a vacuum dehydration unit (VDU) with a plant maintenance technician. The initial call came in Friday morning, and by Saturday morning the RIG technician had the VDU on-site, setup and ready to begin oil dehydration.

METHOD

RIG mobilized with a portable vacuum dehydration filtration unit (VDU) to run side stream filtration on the turbine and filter the oil to the appropriate ISO cleanliness level. Simultaneous to RIG's dehydration filtration skid operating, plant operators powered the system pumps and circulated the Mobil DTE 732 through the turbine's complete lubricant system. This ensured all the system's lubricant was cleaned and met ISO cleanliness standards before the turbine was re-commissioned for normal operations.

FINAL RESULTS

With a team effort, the MobilServSM & RIG teams were able to react to customer quickly during a holiday with peak energy consumption. The expedited delivery of 20,000 gallons of Virgin Mobil DTE 732 and the vacuum dehydration equipment meant the turbine was up and running again over the weekend without risk of lube-oil contamination. This fast turn-around was especially vital to ensuring power supply to all the people relying on the plants power production to keep their families safe and warm during the cold winter months.



RIG works across many industrial service disciplines. These include Hydrolazing, steam/air blows, chemical cleaning, varnish mitigation and oil flushing. Contact us for more information:

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