Case Study

LUBE ROOM DESIGN PROJECT

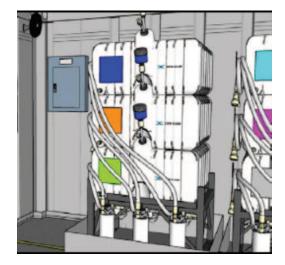
Chemical Production Facility



"The long-term success of our plant will be a direct result of the work that was done on this project. We cannot thank IFM enough."

- Engineering Manager





Description

IFM was contacted by a large methanol producer during the commissioning phase of a brand new methanol manufacturing facility to assist with the development of a lubrication program. Working with the client's engineering team, IFM was able to consolidate the number of oils to be kept in stock from over 25 different oils to only 12 different products.

In addition to helping the client with the lube survey, IFM was asked to design a lube room with long-term plant reliability in mind. Another consideration of the client was to develop a solution that could be easily relocated.





IFM designed the lube room out of a 40' shipping container with climate control, spill containment, lighting, fire suppression system, a roll up door, and non-skid flooring to adhere to the clients safety and environmental requirements. The entire lubricant life cycle was taken into consideration to protect the oils from environmental contaminants from the time they arrived on site until they were transfered to equipment. IFM used Lubricant Management systems (LMS) to store all twelve lubricants which came equipped with dedicated pumps and filters. This enabled the client to meet their target ISO 4406 fluid cleanliness specs.

All LMS systems, filter carts, drum adapter kits, and oil transfer containers were color coded in order to prevent the chance of cross contamination. A wall chart was also developed for easy identification of each lubricant's corresponding color and shape.

Contact IFM today to learn more about our Turn Key Reliability Solutions