

# Making Real Things That Really Make A Difference

June 2017

## KLRC & Vacuum Booster Systems

**Customer: Grupo Energeticos (ENERGEX) / Cadereyta, Nuevo Leon**

ENERGEX sells and distributes PEMEX Diesel and PEMEX Industrial Low Sulfur petroleum to customers such as freight transportation, public/passenger transportation, cargo ships, electricity generation, mining, construction, and general industry.

Within their plant they carry out the process of re-refining used motor oil. This process utilizes booster/KLRC - FSR vacuum systems from Tuthill. The systems are composed of two MB1200 boosters as well as a KLRC-125 compound liquid ring vacuum pump, within a full sealant recovery system.

Tuthill vacuum pumps have an important role in the process of re-refining used motor oil. The process requires that all dirt, water and other contaminants be removed from the oil. Tuthill's vacuum systems help to eliminate mainly water, as well as other components, by evacuating them in the form of steam, allowing the oil to continue through the cleaning process.

ENERGEX is a large organization made up of 5 companies and 24 plants that serve 1500 clients monthly. They have several laboratories where they work on diesel, natural gas, and heavy/alternative fuel oil alternatives.

