Industrial Services

Total Petroleum Management

Are equipment failures keeping you up at night?

The truth is, the majority of equipment failures are lubrication-related. It's widely understood that water and particulate contamination are the leading cause of lubricant and machinery failures.

At O'Rourke Petroleum, we provide technologically advanced solutions for the industrial arena, keeping your equipment up and running.

Servicing three markets – power generation, petrochemical/refining and general manufacturing – Lubrecon Systems© (an O'Rourke company) helps clients develop and maintain world-class lubrication management programs with extensive benefits, including:

LUBRECON SYSTEMS INC

- **On-site oil reconditioning services:** Returns used industrial oils to better-than-new condition at substantial savings over oil replacement – featuring the Shell Products Plus Services Program
- **High velocity oil flushing:** Preconditioning of new equipment and preventive maintenance of existing lube oil systems
- **Temporary lubricant storage:** Don't dump! Let us pump your used oil into temporary storage vessels in accordance with regulatory requirements
- **On-site oil analysis:** On-site and online water and particulate analysis for lube oils
- **Technical consulting:** On-site evaluation by Lubrecon consultants to troubleshoot lube-related problems before they occur
- **Training services:** Basic lube oil analysis staff training on the best practices for proper machinery lubrication and oil management
- **Used oil disposal:** Using SEPM, Lubrecon takes accountability for proper used oil disposal and recycling following EPA guidelines

Initial Fill Services

Lubricant health can often be compromised in new equipment installations. Many system components are treated with preservatives for protecting against rust or corrosion during storage or freight, which can adversely affect the additive package or lubricant service performance.

Airborne contaminants can also be introduced to lube oil systems during construction, which can cause significant wear once equipment is put into service.

Solutions include:

- **Product consultation and delivery**
- **One micron absolute filtration from tanker and reservoir flush to meet OEM cleanliness specifications**
- **Pre- and post-sampling of product, including final certificate of quality report**
- **Precommissioning via high speed flushing**

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On-site Particulate and Water Removal

As the leading cause of lubricant and machinery failures, water and particulate contamination can become a burden if overlooked. In order to maximize lubricant life and equipment reliability, it is crucial to keep water and particulate levels within specified cleanliness targets. The good news is virtually all oils except motor oils and water-soluble cutting oils can be reconditioned

With more than 25 years of experience in the removal of water and waste particulates, Lubrecon Systems© provides solutions to keep levels within target.

LUBRECON SYSTEMS INC

Solutions include:

- **Professional consulting and customized assessment of your lubricant problems and needs**
- **Experienced filtration technicians familiar with a wide range of advanced industry equipment applications**
- **On-site oil analysis and official lubricant certification**

Our goal at Lubrecon Systems© is to help you reduce costs while receiving the maximum equipment reliability with benefits that include:

- **Prevention of unscheduled or emergency downtime**
- **Maximized lubricant and machine reliability**
- **Extended lubricant and component life**
- **Reduced lubricant waste streams**

High Velocity Oil Flushing

A proactive and preventive maintenance approach, the high-speed flushing process incorporates high-volume pumps that speed flushing fluids throughout your equipment at more than eight times its normal flow rate, all at a controlled temperature up to 180 degrees Fahrenheit. This flushing process creates turbulence to help shake loose deposits like carbon/varnish deposits, scale, large particles and other contaminants, which then get filtered in the main oil reservoir.

Benefits include:

- **Improves system and equipment reliability**
- **Improves unit and system efficiency**
- **Equipment warranty requirements**