



COMPANY PROFILE



Lubricants

are the "Life Blood" of our critical machinery. Ensuring healthy lubricant, leads to ensure long term reliability of these critical machines.

Lubrication Reliability is the foundationstone of an effective asset management program.

LUBRICATION RELIABILITY SERVICES

***by Asset Reliability Industrial
Equipment Trading LLC***

Lubrication Reliability Leads To,



Minimize
Production
Losses



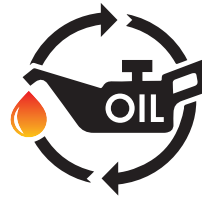
Maximizes
Machinery
Reliability



Reduces
Lubricant
Consumption



Reduce
Maintenance
Cost



Extends Machine
& Lubricant
Service Life



Maximizes
Productivity
& Profitability

Our Lubrication Reliability Services Includes:

1. Expert Advisory Services
2. Oil Filtration Rental Services
3. Oil Filtration Products supplies
4. Oil Analysis Services
5. Easy SAM Motorized Oil Sampling Kit
6. Machinery Lubrication Trainings
7. Lubrication Best Practices Implementation
8. Oil Filter Analysis for Problem Solving
9. Online Oil Health Monitoring
10. Lubrication Software Implementation



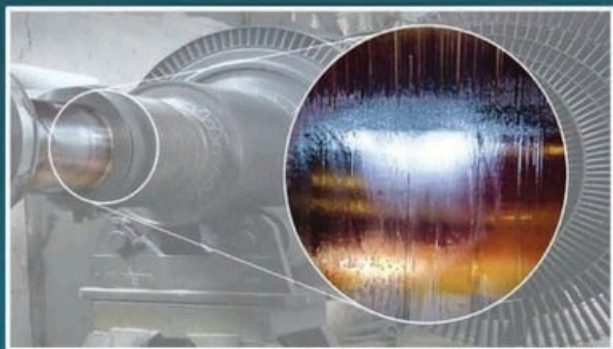


1. Expert Advisory Services

- Investigate lubrication problems, identifying root causes and provide trouble-shooting support
- Lubrication Benchmark Assessment: To identify gaps in lubrication management needing improvements to bring the site to world class standards. Develop and provide guidance in implementing short and long term improvement plan

Send your Enquiries at:

www.assetreliable.com/enquiry



Varnish on Turbine Bearing

2. Oil Filtration Rental Services Cost effective Oil Reclamation including:

- Varnish Removal
- Water Removal
- Particle Removal
- Portable Particle Counter
- On-Site Oil Analysis
- Portable Oil Analyser

Varnish Removal Services

- Varnish in oil, acts like Cholesterol in blood stream
- Our Varnish Removal skid is capable of removing both "Soluble Insoluble" forms of Varnish from Oil thereby eliminating Varnish Related Problems As the Oil gets cleaner, it will clean the system
- Clean system leads to reliable operation
- No need to replace your oil just because of Varnish contamination. Engage our Varnish Removal skid and save your Oil Cost, disposal cost, machine downtime, improve reliability/productivity, safely and with minimized risks

Soluble Varnish Removal Skid



Water Removal Services

- The Water Removal Unit - This removes all three forms of Water - Free, Emulsified and Dissolved
- No need to replace your oil just because of water contamination. Now you could get the water out of your oil by engaging our "Water Removal Unit" thereby save your Oil Cost, disposal cost, machine downtime, improve reliability/productivity, safely and with minimized risks.



Water Removal Skid



Particle and Water removal Cart

Particle Removal Services

- Particles and Water are the two most harmful oil contaminants
- Keeping your Oils **Clean** and **Dry**, you could eliminate majority of your lubrication problems
- Our Particle filtration skids are equipped with Online Particle Counter and capable of removing water and particles upto 1 micron size with 99.99% efficiency



Portable Particle Counter

- We do provide Onsite Particle counting for quick mitigation of early warning signs
- Assurance of target cleanliness ISO 4406 and NAS 1638 levels as per OEM recommendations leads to reliable operation



Portable Particle Counter

3. Oil Filtration Products Supplies

We offer more than 500,000 oil filter element upgrades compatible with over 320 filter manufacturers. Along with this, our advanced filtration skids provide reliable solutions for particle, water, varnish removal, and many other applications.

FPL, Panel Unit



Filter Elements



Varnish Removal Unit



Water Removal Unit



Compact Filtration Unit



4. Oil Analysis Services

- An effective oil analysis program ensures reliable machine operation
- We help our customers to establish an effective oil analysis program
- We conduct Oil analysis in dedicated high standard labs and provide expert interpretation and health assessment / recommendations for cost effective solutions
- Lubrication Base Line Oil Condition Assessment



5. Easy SAM Motorized Oil Sampling Kit

- We provide on-site oil sampling through Easy-SAM, ensuring safe, representative, and contamination-free samples for accurate oil analysis.
- Consistent and reliable sampling in line with ISO 4021 standards enables early detection of wear, contamination, and oil degradation, helping maintain equipment health and extend service life.





6. Machinery Lubrication Trainings Competent (with right skill set) = More Profitable Business

- We provide ICML-certified **MLA I, II & MLT I** trainings.
- These programs build core skills in lubrication, contamination control & failure prevention.
- Trained professionals make better maintenance decisions, acting as the first line of defense while ensuring higher reliability and cost savings.

8. Oil Filter Analysis

We conduct detailed analysis on frequently choking filter elements to identify root causes & permanently resolve the problem



7. Lubrication Best Practices Implementation

We implement Lubricant storage, handling and dispensing best practices, Oil sampling valves, bottles & accessories

Ferro D101 - Ferrous Debris Monitor



Oil Sampling Valves



Air Desiccant Breathers

9. Online Oil Health Monitoring

- Condition Based Maintenance is all about identifying early warning signs of potential failures, thereby performing timely corrective actions.
- Conventional Oil Sampling and Analysis has proven to be least effective due to numerous challenges.
- Automating the data collection, analysis and reporting of Oil condition eliminates risks associated with lubrication reliability.
- Online Oil Monitoring System, the LubeSpy OMS-2200, analyses Oil Condition automatically, without human intervention, so you can rapidly apply predictive and proactive maintenance actions to critical machines.



- Provides a better understanding of the ongoing health of, Oil Condition, Machine Condition and Contamination Condition.

Key Benefits:

- Increased Productivity
- Improves machinery reliability
- Reduces machinery downtime
- Optimizes maintenance Cost
- Increased Plant Safety

Lubricants are Life Blood of our machinery.

Treat "Lubricants" like "Assets"



10. Lubrication Management Software is a tool to manage all the key areas of machinery lubrication including:

- Assessment of current lubrication practices vs. best standards.
- Review of asset criticality and lubrication strategies.
- Evaluation of storage, handling, and dispensing practices.
- Gap analysis in preventive & predictive lubrication tasks.
- Benchmarking lubricant selection and application methods.
- Assessment of oil analysis integration and monitoring practices.
- Review of staff competency and training needs.

- Identification of strengths, weaknesses & improvement areas.
- Roadmap for achieving world-class lubrication practices.





**MOHAMMAD
NASEER UDDIN**
MLE, MLA-II, CRL, CMRP, VPR, VIM
Technical Director

Spent 25+ years in Oil & Gas, Petrochemicals and Refining in Reliability, Maintenance, Condition Monitoring, Oil Analysis and Plant Commissioning in the Middle East (Oman and Qatar).

Since 2018, Technical Director for Uptime Technologies. Served 14 years at Shell / Petroleum Development Oman (PDO) as Senior Reliability Engineer and 5 years at Qatar Petroleum as Reliability Supervisor. Implemented practical measures for Lubrication management, Failure avoidance, defect elimination through Best practices & contamination control.

Achieved MLE (Machinery Lubrication Engineer ICML), Certified Reliability Leader (CRL), Certified Maintenance & Reliability Professional (CMRP) from SMRP and MLA-II (Machine Lubrication Analyst Level 2) from ICML International Council for Machine Lubrication, USA.



Testimonials

The course gave us insight about the importance of lubrication system as we realized that this is the most neglected area in industrial sector there is a lot more potential to save millions just by adopting best practice taught to us.

Technical Manager-Oil Refinery

It was really a very nice knowledge sharing course. Learned a lot from this course, it will enhance my vision to start working as MLA-II analyst.

*Condition Monitoring Engineer -
Power plant*

He was the SME (Subject Matter Expert) for Machinery Lubrication for 14 years for Shell / PDO for >10K rotating machines. Also implemented innovative Online Oil Health monitoring based on Artificial Intelligence and Machine learning that improved machinery reliability and increased Uptime performance of critical machines.

Resolved numerous long term reliability problems for plant assets. He also served as RAM modelling expert for Oil & Gas Projects. He achieved numerous awards on resolving various Reliability & Lubrication Problems.

Has got vast experience of conducting trainings internationally on Maintenance, Reliability and Lubrication Management ISO18436-4.

Complete Profile:

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Are you looking to extend your oil and machine life?

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