



COMPANY PROFILE

First Time in Pakistan

LUBRICATION RELIABILITY SERVICES

by UPTIME
TECHNOLOGIES



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 foundation stone of an effective asset management program.



UPTIME
TECHNOLOGIES
www.uptimetechno.com



LUBRICATION RELIABILITY LEADS TO,



Minimize Production losses



Reduce Maintenance Cost



Maximizes Machinery Reliability



Extends machine & lubricant service life



Reduces Lubricant Consumption



Maximizes Productivity & Profitability

Our Lubrication Reliability Services include:

1. Expert Advisory Services
2. Oil Filtration Rental Services
3. Oil Filtration Products supplies
4. Oil Analysis Services
5. Lubricant Contamination Control
6. Machinery Lubrication Trainings
7. Lubrication Best Practices Implementation
8. Oil Filter Analysis for Problem Solving
9. Online Oil Health Monitoring
10. Lubrication Benchmark Assessment & Rationalization
11. LubeSpy-ALS1200: Portable Oil Analyser
12. Easy-SAM: Motorized Oil Sampling Kit



1. Expert Advisory Services

- ◉ Investigate lubrication problems, identifying root causes and provide troubleshooting 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.uptimetechno.com/enquiry



2. Oil Filtration Rental Services

Cost effective Oil Reclamation including:

- ◉ Varnish removal
- ◉ Water Removal
- ◉ Particle Removal
- ◉ Portable Particle Counter
- ◉ Water Tester

Varnish Removal Services

- ◉ Varnish in oil, acts like Cholesterol in blood stream
- ◉ Our Varnish Removal Skid is designed to eliminate both soluble and insoluble forms of varnish from oil, effectively resolving varnish-related problems. As the oil becomes cleaner, it also works to clean the system itself.
- ◉ 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



Varnish on Turbine Bearing



Varnish Removal Skid

Water Removal Services

- The Water Removal Skid removes all three forms of water – Free, Emulsified, and Dissolved.
- No need to replace your oil just because of water contamination. You can remove water from your oil using our advanced dehydration system, saving on oil cost, disposal cost, and machine downtime while improving reliability, productivity, and safety 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 up to 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

Varnish Removal Skid



Water Removal Skid



Portable Filtration Unit



3. Oil Filtration Products Supplies

We offer more than 500,000 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.



Filtration Panel Unit



Portable 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. Lubricant Contamination Control

- We help our customers to achieve "Total System Cleanliness"

Our focus on:

- Contamination Exclusion
- Contamination Removal
- Breathers, filter element upgrades, kidney loop filtration etc



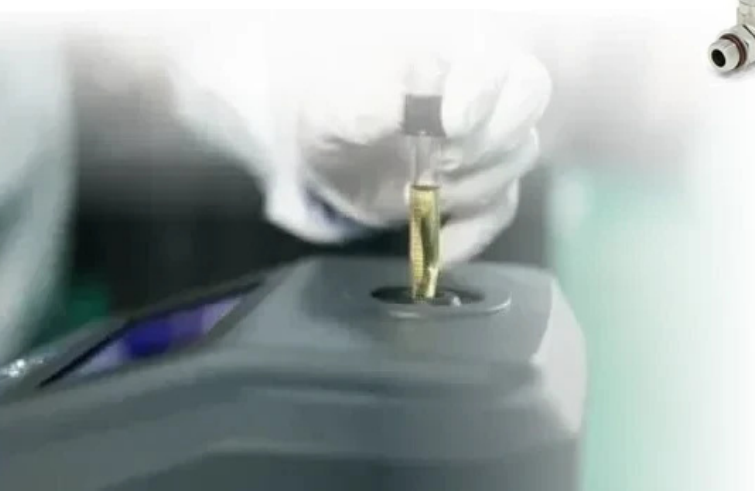


6. Machinery Lubrication Trainings Competent Staff (with right skill set) = More Profitable Business

- 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.

7. Lubrication Best Practices Implementation

We provide oil sampling valves, bottles & accessories, along with ferrous debris monitors and air desiccant breathers.



Ferro D101 - Ferrous Debris Monitor

8. Oil Filter Analysis

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



Oil Sampling Valves



Air Desiccant Breathers



9. Online Oil Health Monitoring

- Most of critical machines get quarterly oil analysis (4 samples/year) with lot of guess work, missing opportunities to prevent failures
- A Proactive Online Oil health monitoring system capable of "detecting the emerging problems early" and prompting mitigation action by capturing "7 Million" snapshots of oil and machine health per year, thereby avoiding any chances of undetected failures
- It's time to move away from Reactive towards Proactive approach

10. lubrication benchmarking assessment & Rationization:

- 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.
- Measurement of Lubrication KPIs and industry benchmarks.
- Identification of strengths, weaknesses & improvement areas.
- Roadmap for achieving world-class lubrication practices.





11. LubeSpy ALS-1200: Portable Oil Analyser

- Instant measurement of six vital oil parameters ensures quick detection of abnormalities and supports proactive maintenance.
- Portable, touch-screen design with rechargeable battery makes it convenient for onsite oil analysis in any industrial environment.

12. 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.





**MOHAMMAD
NASEER UDDIN**
MLE, MLA-II, CRL, CMRP
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.

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:

<https://www.linkedin.com/in/naseercmrp1/>



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*

Are you looking to extend your oil and machine life?



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