



LUBE TRIBOLOGY (INDUSTRIAL & COMMERCIAL SOLUTION PROVIDER)

Lube Tribology Is An Organization Provides Engineering Services and Solutions To Oil and Gas, Petrochemical, Process, Power Generation, Construction and Manufacturing Industrial Sectors.



We are involve in different types of Condition Monitoring and Inspection Services, Providing the industrial solution as per client needs and modern requirements. Our skills, knowledge and passion make us a great team to have on your side.





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SERVICES

Lube oil analysis (Turbine, Hydraulic, Diesel, and Compressor. Gear box, Engine, Transformer)

Lubrication Audits

Oil filtration services

Nondestructive testing (DPT – MPI – UT – PAUT)

Integrity Testing

Piping Pulsation analysis

Calibration of Electrical, Mechanical instruments (Flow meters, PSV, Gauges, Millimeters)

Lifting Equipment inspections

Electrical Services

Fire Extinguisher Testing & Refilling
Fire Alarm System testing
Fire Safety & Protection SLAs

Valves repair and maintenance

Trading Business

Chemicals products to remove Varnish, Sludge and deposit from Turbine oil, Hydraulic oil and Compressor oil

Digital Lubrication management system

Lab chemicals, Lab accessories,

Fire Extinguishers

PPEs

Lubrication Accessories

Oil sampling kit

Oil condition monitoring POD

Oil level indicator

Drain ports

BS&W bowl

Sight Glass

Air-Lock protects oil drums against contaminant ingress during storage.

Manufacturing Business

Material Casting

Nozzle Manufacturing

International Trainings

Machinery Lubrication management

MLA Level I

MLA Level II



OUR INDUSTRIAL & COMMERCIAL SERVICES:

LUBRICATION AUDIT

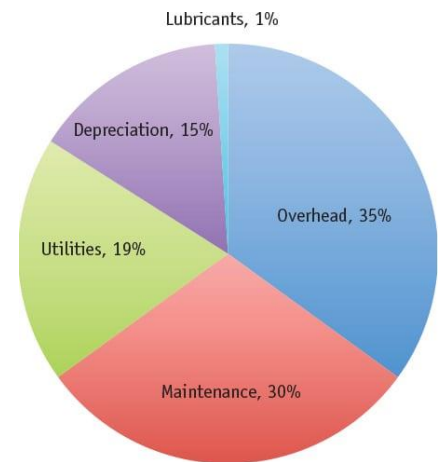
We undertake lubrication audits to help you establish a potential Return on Investment in an improvement programme an audit will help identify where you can make improvements in your lubrication strategy.

A cost benefit analysis of your current performance will help establish a Return on Investment value to help justify the improvements you want to make.

How does the audit work?

We assess your current lubrication practices in a number of key areas:

- **Purchasing**
- **Storage, Handling and Dispensing**
- **Personnel & Staff Awareness**
- **Contamination Control**
- **Oil Analysis**
- **Machinery Set-Up**



OIL CONDITION MONITORING

Effective oil analysis can identify wear, contamination and changes that can adversely affect machine health and reliability. If something unusual happening in the system or application, it will show in the lubricant & can detect the issue with proper lubricant testing. Things like lubricants additive concentration, contamination, wear metals & viscosity. Lubricant analysis can be a routine activity to prevent sudden premature failure or any machinery problem.

Lubricants Test Details

Viscosity	Water	Wear Elements	Particle Counts	Oxidation
nitration	Sulphation	Soot	Glycol	Foaming Test
Air Release Test	RPVOT test	Ruler	MPC Test	Particle count test
Total Acid Number	Total Base Number	Rust Prevention	Copper corrosion test	Viscosity Index

Transformer Oil Testing Services

Dielectric Strength	Break Down voltage	Moisture	DGA	DDF
Resistivity	Viscosity	Interfacial Tension	Furan	



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LUBE OIL FILTRATION

Filtering new oil and used oil keeping it clean of particulates and moisture will prolong the life of the oil and keep the equipment protected from wear.

CALIBRATION OF INSTRUMENTS

Accuracy of any process or operation is equally important from technical and commercial aspects which is highly dependent upon accurate measurement of process parameters included. Accurate measurements are only possible, if devices used are giving valid output data as per actual conditions encountered by them. Calibration and verification are the pathways to ensure accurate functioning of devices

Pressure Gauges	Pressure safety valves	Weighing bridge	Tanks
Level Gauge	Transmitters	Dead weights	Multimeter

LIFTING EQUIPMENT INSPECTION SERVICES

Fork Lifters	Slings	Cranes	Chain Blocks
Load Testing			

Pallets And Racks Inspection As Per SEMA Guide Lines

NON DESTRUCTIVE TESTING

Visual Inspection	Dye Penetrant Testing	Magnetic Particle Inspection	Ultrasonic Testing
Phased Array Ultrasonic Testing	RT – MFL – VBT – Crawler UT		

Fire Protection & Safety System

Annual Maintenance Contracts	Fire Hydrant Design & Installation	Sprinkler System	
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Electrical Services

Electrical Inspection	Electric Audits	Energy Efficiency	Power Banks
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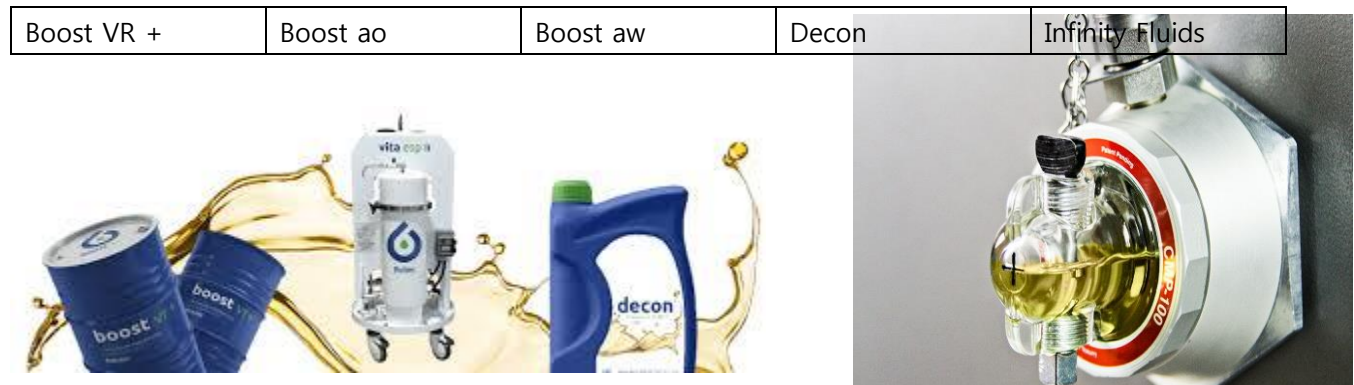


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TRADING PRODUCTS

OIL LIFE EXTENSION BY SLOVENCER PRODUCT LINE

We make your oils operate at peak levels, for as long as possible. Perhaps even for the life of your plant. Our Boost™ line and DECON™ products are a critical step in this mission. We've created proprietary technology that can replace depleted additive systems in oil - replenishing bad chemistry with good chemistry



Oil Condition Monitoring POD

Detect machine faults faster with the Condition Monitoring Pod.

This multi-parameter inspection pod lets you quickly observe oil level

Color and clarity, oil aeration and foaming, corrosion, varnish, wear debris

And much more. You will quickly identify root causes and symptoms of failure that would have previously gone undetected.

THE BOWL

AIR-LOCK

OIL LEVEL PORT

DARIN PORT

SIGHT GLASS



Digital Lubrication Management System

The purpose of lubrication is to prevent significant wear thereby extending the Lifespan of machine previously, programming, and maintenance and refilling of the Lubrication had to be done on site. The electronics developed by us transmit all important information regarding the status of the device and the activity performed to the central server. Configuration and data evaluation are performed via a web interface.





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Additional Products

Petroleum Testing Instruments (Viscometers, Flash Point Testers, MPC Kit, Particle Counters, Ruler)

Safety Sign Boards

Safety Helmets

Safety Barriers

Emergency Exit Lights

Smoke Detectors

Fire Systems

Heat Detectors

PSV Lapping Machines

Industrial Spare Parts

General Order supplier

Industrial Chemicals

Chemicals used as a Raw Material

Instruments and Analyzers

Abrasives



Manufacturing Business

We are involved in the casting of custom required materials, it has developed a machining department which can shape the cast material into a shape. With evolving demand of our valued customers to provide prompt solutions in their maintenance needs.

We are providing casting, forging and machining facilities for almost everything you require right from fasteners, shackles, chain to the complex spare parts like nozzles and other accessories

- Electrical Distribution Box
- LT Panels





INTERNATIONAL LUBRICATION TRAINING TO MASTER YOUR PROGRAM

Unlock the full potential of an oil analysis program through following training programs

Choosing the course strengthens lubrication and maintenance skills by elevating reliability and maintenance personnel to a higher level of competency. This course is designed for all levels of personnel involved in the lubrication program and is ideal for PDM Technicians, Plant Managers, Reliability Engineers, Reliability Technicians, and Service Technicians that want a well-rounded education in lubrication.

Machinery Lubrication Training Level I

Machinery Lubrication Training Level II

ICML Certifications		
	Level I Machine Lubricant Analyst (MLA I)	Level II Machine Lubricant Analyst (MLA II)
Which fields?	Lubricant-analysis-based machinery condition monitoring	Lubricant-analysis-based machinery condition monitoring
Required Training	24 Hours	24 Hours
Exam Topics	<ul style="list-style-type: none">• Maintenance Strategies• Lubrication Theory/Fundamentals• Lubricant Selection• Lubrication Application• Lube Storage and Management• Lube Condition Control• Oil Sampling• Lubricant Health Monitoring• Wear Debris Monitoring and Analysis	<ul style="list-style-type: none">• Lubricant roles and functions• Oil Analysis Maintenance Strategies• Oil Sampling• Lubricant Health Monitoring• Lubricant Contamination Measurement and Control• Wear Debris Monitoring and Analysis