Lubrication Excellence Starts Here!!!

FACT

Lubrication Management
Ferrography & Oil Analysis
Consulting

Fluid Analysis Consulting & Trading Co., is promoted by experts in the field of Condition Monitoring, Oil Analysis, WDA-Ferrography, Contamination Control and Total Lubrication Management with over 32 years of experience in India and abroad.

Fluid Analysis Consulting & Trading Co., is established with a view to service the Lubrication Industry in the field of Oil Analysis, Complete Ferrography Analysis Contamination Control, Condition Monitoring, Consultancy, Total Lubrication Management and other Testing and Analysis Services. Oil Cleaning Services are also provided.

Products and Trading

Oil Room Equipment, Mobile Lube Oil Filter Carts, Vacuum Dehydration Systems, Desiccant Breathers and other Contamination Control Products, Lube Oil Sampling Pumps, Tubing, Lube Oil Sampling Bottles, Sampling Valves and Fittings, Bulk Storage Systems and other Accessories.

Ferrography consumables such as Glass Substrates, Sample vials, DR Precipitatory tubes and FM Turret Tubes.



FACT – Lubricant Testing and Analysis Facility

We are an independent Laboratory established in 2007 for testing Industrial Lubricating Oils for Condition Monitoring and Oil Analysis parameters.

We use latest Technology and Equipment and have a team of fully qualified Analysts and Engineers to provide accurate Reports & Analysis to our esteemed customers.

Our Oil testing procedures are in accordance with ASTM , ISO and other testing standards.

We are also in the process of getting our Laboratory NABL certified.

Oil Analysis Provides :

- The Wear Condition of the Oil Lubricated Components of your equipment, Condition of the Oil and the Cleanliness of the oil.
- The Condition of the Oil lubricated Wear components of your equipment - Wear Debris Analysis / Ferrography . Ferrography is performed in two stages- Direct Reading Ferrography and Analytical Ferrography. ICP-OES -Spectrometer is used for elemental analysis to measure the relative concentrations of wear elements, contaminants and additives. Test results are reported in ppm.
- The Condition of the Lubricant is monitored by testing the oil for Viscosity, AN/BN, KF Moisture, FTIR Oxidation etc.,
- The Cleanliness of the lubricant according to IS4406 / NAS1638 and other International standards.

We take the risk out of your condition monitoring investment by offering high quality services backed by the reputation built over the years of our presence in the industry. Our experience of working with the equipment and lab gives us an edge over others to solve specific problems. Quality of data & recommendations is the key to our success.

Transform your Predictive/Proactive Maintenance (PM) Program in to a PROFIT MAINTENANCE (PM) Program.

FLUID ANALYSIS CONSULTING & TRADING CO.

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Email : fluidanalysis@rediffmail.com

FLUID MANAGEMENT – LUBE OIL FILTRATION/OIL DISPENSING/OIL TOP UP



Product Features and Specifications

Pump	Heavy Duty Gear Pump
Motor	0.75 /1/1.5 KW – 3 phase 220V
Flow Rate	10/20/30/40 LPM
Operating Pressure	6 Bar Max.
Viscosity Range	ISO VG32 – 1000 cSt.
Oil Temperature	10 to 70 deg.C
Filter Cartridges	Single stage / Two Stage
Filter media	Wire mesh / Depth Type Paper (3,5,10 microns)
Length of Hoses	5 meters each – Inlet and Outlet
Hose Connections	Suction 1” BSP , Delivery ¾” BSP
Power cord	4 meters 3 wire
Gauges	Differential Pressure Gauge
Bypass	Manual Bypass
Strainer	Inlet Strainer
Sampling Valves	One No.
Oil Catch Pan	Provided as per requirement
Lifting Bolts	Provided as per requirement
Material	Powder Coated Heavy duty Rectangular tube for frame
Wheels	16” Nylon
Weight	Approx..250 kgs – based on Model

FLUID MANAGEMENT – VACUUM DEHYDRATION SYSTEM FOR MOISTURE REMOVAL

Product Features and Specifications

Electrical supply	415 V,3PH-50Hz
Control Panel	Automatic Operation
Hoses	5 meters each for Inlet and outlet with end fittings ¾”
Vacuum Pump	100 LPM Belt Driven – 0.5HP 1440RPM 3 PH
Vacuum chamber	50 ltrs
Heater	6 KW – 440V
Discharge Pump	50 LPM ,0.75 HP 1440RPM 3PH
Condenser	Air Blast Type cooling unit
Dimensions mm	(LxWxH)1400 X 800 X 1200 approx.



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Most of the contaminants enter the fluid through the standard Breather Cap.

Replace the Breather Cap with FACT Desiccant Breather to

- **Keep dirt and moisture out of your fluids.**
- **Extend your fluid life.**
- **Reduce your maintenance costs.**

The Cost of Contamination Control is Always Less than the Cost of removing the Contamination from the Fluid.

LUBE ROOM TRANSFORMATION - LUBE OIL STORAGE SYSTEMS & ACCESSORIES




Sampling Valve and Extraction Assembly


Pitot Tube Sampling Valve


Severe Duty Off-Road Oil Sampling


Lube Oil Sampling Pump

We offer solutions to reliably store, handle and dispense lubricants.

Rack system by storing lubes vertically reduces space, drum clutter and spillage.

Prevents cross contamination by use of Colour coding, labeling etc.,

Enables use of filtration of New oils to ensure the oil is clean before transferring to the system.

We help you in completely transforming your Lube Room with expert guidance.

** Images for representation purpose only. * Actual product images and specifications may differ and are subject to change without notice.*

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