



# Oilmax

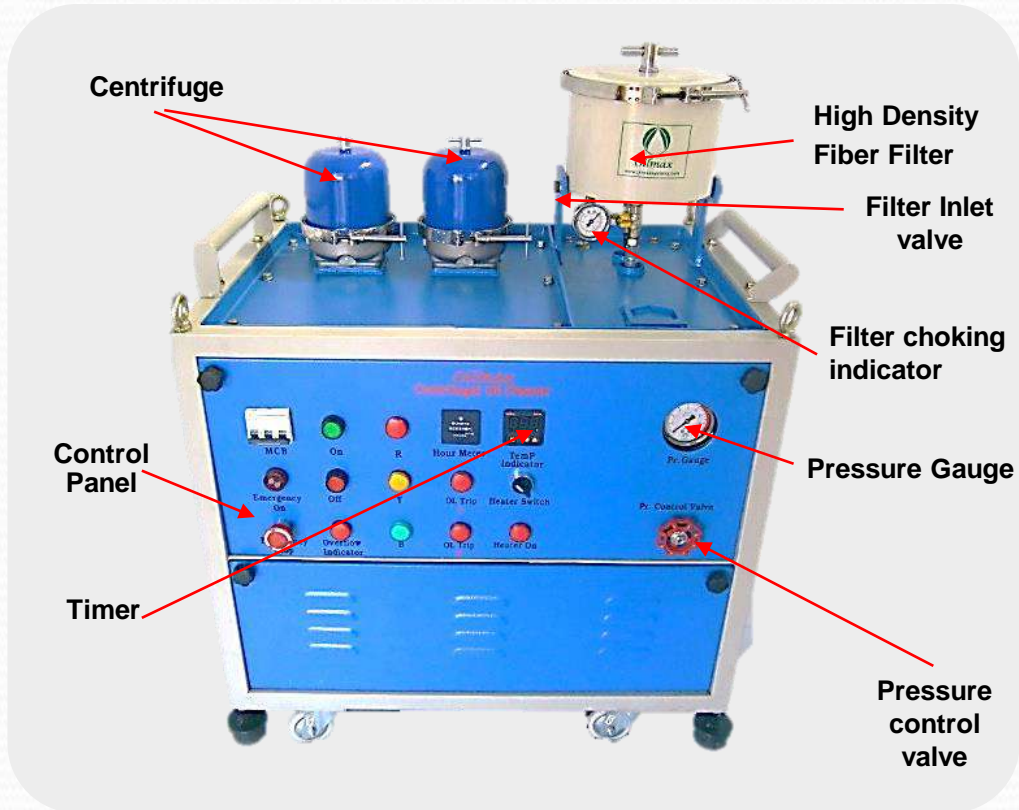
## Centrifugal Oil Cleaning System For Hydraulic Oil



**Oil & Coolant Conservation Products**

Use Your **Oil Maximum**

## OCS1000PFHM



## Hydraulic Oil Filter Cart



**One Time Installation, Life Long Savings**

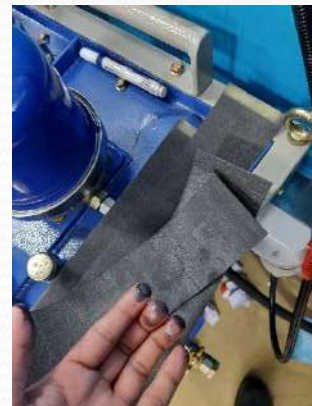
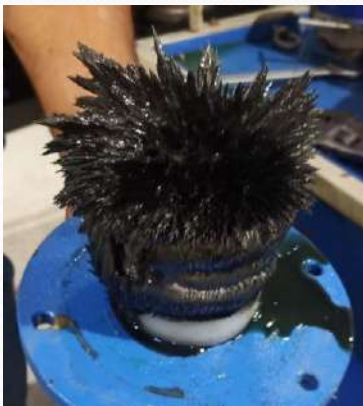
# Why Hydraulic Oil Cleaning Is Required?

Hydraulic oil needs frequent replacement due to Contamination generated within the system like Wear Particle & Oxidation Products.

There is also ingress of dust particles through breathers provided on hydraulic tanks.

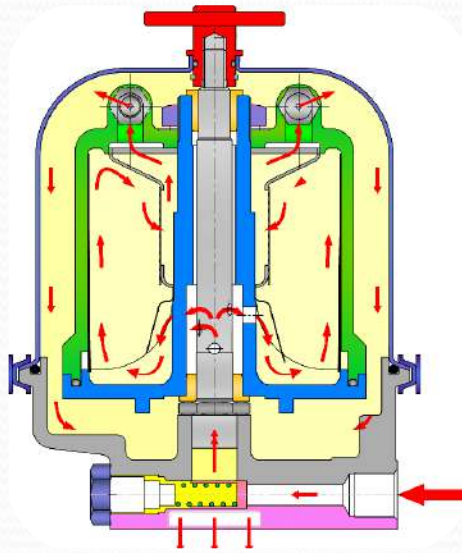
Contaminated oil causes Wear & Tear of high precision hydraulic Components like hydraulic Pumps, Cylinders, Oil seal, etc.

Clean hydraulic oil extends life of hydraulic components, prevents Machine breakdown & improves productivity.



**Reduce Machine Downtime**

# Working Principle



- Centrifugal Oil Cleaner Operates on the Reaction Turbine Principle.
- Oil Enters the centrifuge Under Pressure and flows to the rotor thru hollow shaft.
- The Oil Pressure and flow is converted in rotational energy as the oil escapes through the jets, producing speed upto 6000 RPM.
- The Resultant Centrifugal Force Removes dirt from the Oil depositing it on the Inner wall of rotor in a dense cake form.
- Clean Oil Drains Back By Gravity to the oil Tank.

**Get the most out of every drop of oil**

# Unique Three Stage Filtration Process

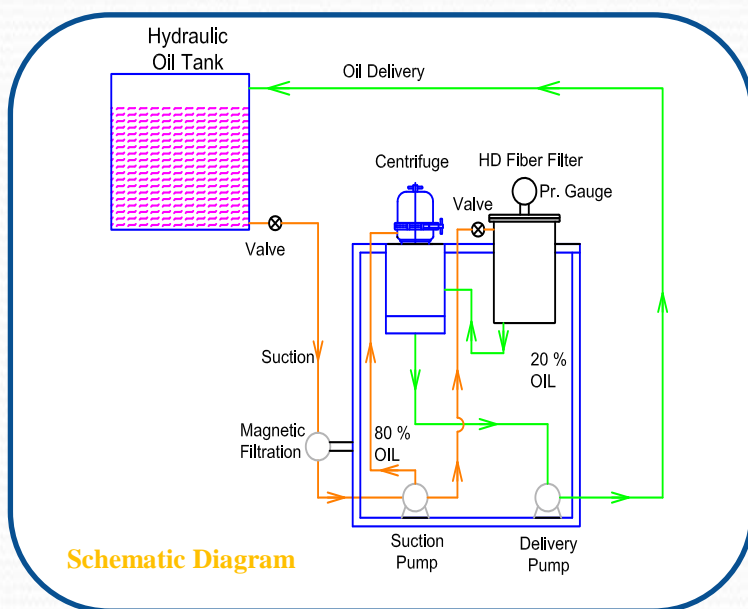
- **Stage 1- SS mesh & High power rare earth magnetic filter to trap ferrous particles**



- **Stage 2 - Specially designed inverted rot centrifuge which is consumable free & reusable. It will trap majority of contamination to level up to 1 micron**



- **Stage 3 - Very fine depth filter to remove particles down to 0.1 micron & to absorb moisture.**



## Result of Filtration



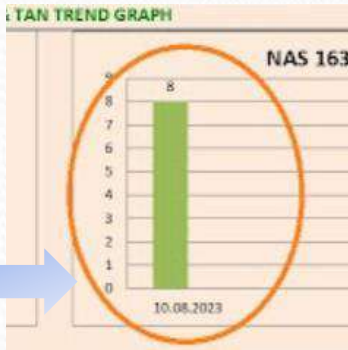
**Improve Machine Life, Reduce Oil Expenses**

# Results of Hydraulic Oil Cleaner



**Before**  
**NAS Level 8**

**After**  
**NAS Level 6**



**Before**  
**NAS Level 9**

**After**  
**NAS Level 7**

**PREDICT** Test Report of Oil Analysis for Cleanliness

TEST REPORT NO: 171/18/06/19/04/17

CLIENT: INTERPUMP HYDRAULICS II LTD., UTTARAKHAND

Size range (µm)	Concentration (Particles/100 ml)
5-15 µm	125750.00
15-25 µm	5166.67
25-50 µm	1526.67
50-100 µm	210.00
>100 µm	20.00

**NAS Class : 09**

**PREDICT** Test Report of Oil Analysis for Cleanliness

TEST REPORT NO: 171/18/06/19/04/17

CLIENT: INTERPUMP HYDRAULICS INDIA PVT LTD., UTTARAKHAND

Size range (µm)	Concentration (Particles/100 ml)
5-15 µm	17206.67
15-25 µm	976.67
25-50 µm	450.00
50-100 µm	50.00
>100 µm	10.00

**NAS Class : 07**

**Substantial savings on cost of Filters, Spares & Oil Replacement**

# Installation

**Aluminium Extrusion Press –  
Jindal Aluminium, Bangalore**



**H type Press –  
RANVIK Auto Comp, Pune**



**Sigma Electric – Jaipur**



**Rane Madras, Hyderabad**



**Save Oil, Save Energy, Save Money**

# Installation



Graziano Transmission,  
Ahmedabad

Sagar Agrotech, Osmanabad



Canara Hydraulics,  
Bangalore

Hindustan Pencils,  
Umbergaon



**Use Oilmax, Save Environment**



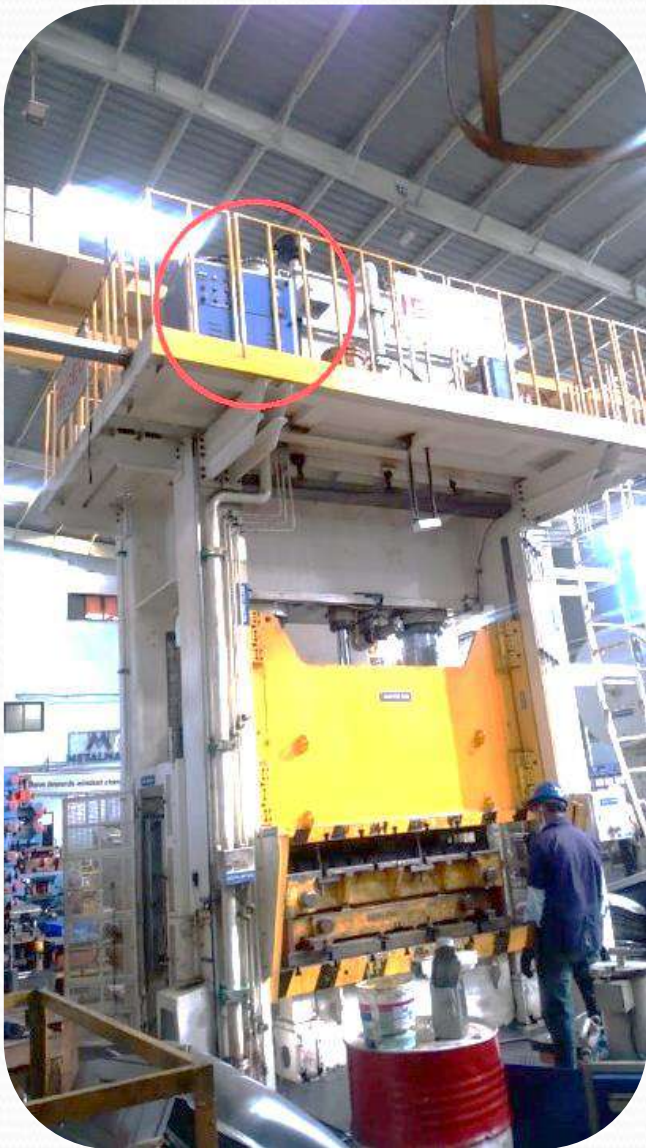
# Installation



## Sterling Ceramics, Mehsana



## Metalman Auto, Aurangabad

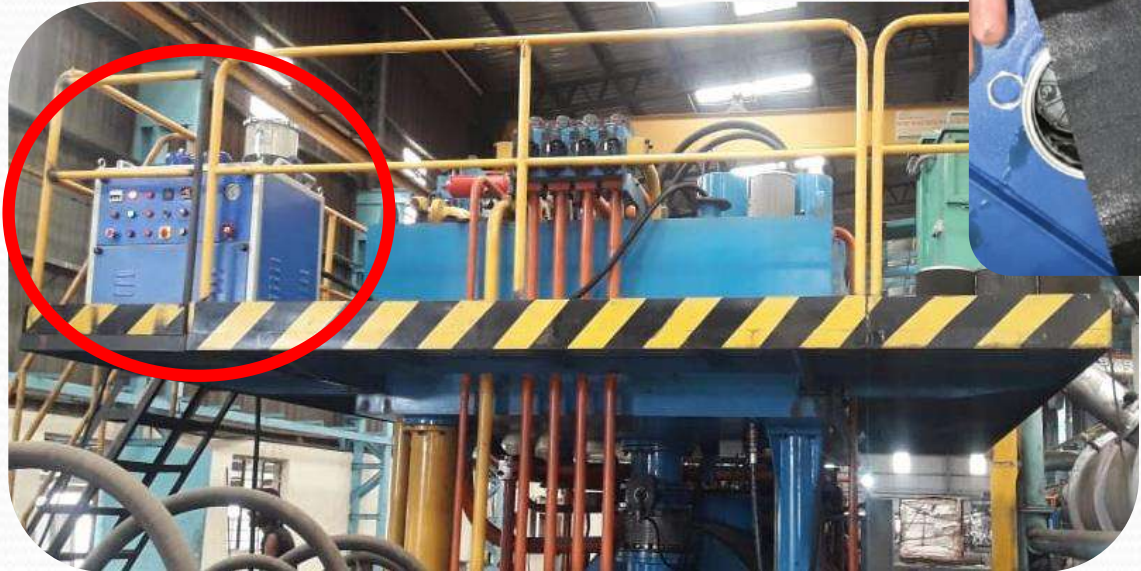


## Vietnam Plastic Company, Vietnam



**Get the most out of every drop of oil**

## Extrusion Press - Rohit Precision, Pune



## Hydraulic power pack at Gujarat Colourlam, Surat (Plywood manufacturing company)



**Reduce Machine Downtime**

# Installation



**Save Oil, Save Energy, Save Money**

## Installation on Excavator & Crane



**Reduced Oil Consumption**

# Customers




**Thank You**



# **Oilmax Systems Pvt. Ltd**

**38/2/12, Narhe, Pune 411 041, India**

**Tel : +91 9881895950,  +91 7776078885**

**[mail@oilmax.co.in](mailto:mail@oilmax.co.in) | [www.centrifugaloilcleaner.com](http://www.centrifugaloilcleaner.com)**