

# HYDRAULIC OIL CLEANING SYSTEM



- ◆ Fine Filtration up to  $1\mu$
- ◆ Reduced Component wear
- ◆ Reduced Oil Consumption
- ◆ Extended Oil Change Period
- ◆ Reduced Machine downtime
- ◆ Reduced Storage & Disposal Cost of Waste Oil
- ◆ Reduced Pollution and Environmental Impact

Use your *Oil maximum*

## Applications :

- ◆ Hydraulic Power Packs
- ◆ Hydraulic Cranes
- ◆ Injection Moulding Machines
- ◆ Hydraulic Press
- ◆ Steering Gear
- ◆ Framo System
- ◆ Thruster
- ◆ Deck Machinery (Winch, Windlass)

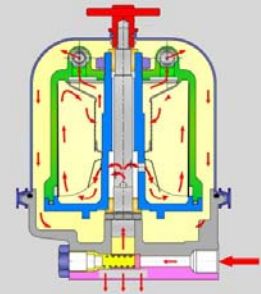
## Save by Extending Oil Life and Equipment Life

Centrifugal oil Cleaner removes very fine dirt from Oil upto  $1\mu$  & below by Centrifugal force created in centrifuge rotor. Conventional filters can not remove such fine dirt . Collected dirt can be easily cleaned & the unit put back to use again

**One Time Installation, Lifelong Savings**

## Working Principle

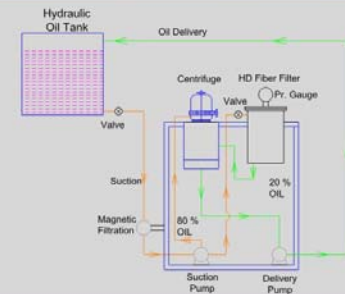
Centrifugal Oil Cleaner works on reaction turbine principle. Oil enters Centrifuge under pressure and escapes through tangentially opposite nozzles of rotor producing rotor speed upto 8000 RPM. The resultant Centrifugal force removes dirt from the oil, depositing it on the inner wall of rotor in a dense cake form. Clean oil drains back to the oil tank by gravity.



## Hydraulic Oil Patch Test



## Schematic Diagram



## Portable Unit - HD Fiber Filter



## Features & Benefits :

- Filters down to 1 micron
- Removes free and dissolved water
- Cleanliness : ISO 14/11, NAS 5-7
- Water holding capacity 900cc
- Extends oil and component life
- Reduces Failure of hydraulic systems
- Suitable for tank capacity up to 400 Ltrs.
- Replaceable Filter Cartridge

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