



Centrifugal Oil Cleaning System

Oilmax

Improve Product Quality, Reduce Oil Expenses



Use your Oil maximum

Save cost on Tools & Dies, Filters & Oil replacement

- ◆ **No Filter Element**
- ◆ **No Replacement Cost**
- ◆ **Improved Product Finish**
- ◆ **Reduced Oil Consumption**
- ◆ **Extended Oil Change Period**
- ◆ **Reduced Machine downtime**
- ◆ **Reduced Storage & Disposal Cost of Waste Oil**
- ◆ **Reduced Pollution and Environmental Impact**



Use Oilmax
Save Environment

One Time Installation, Lifelong Savings

Applications

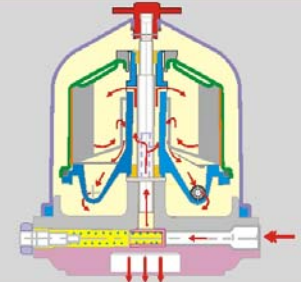
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|-------------------|---------------------|-----------------|--------------------|
| ▶ Wire Drawing | ▶ Gear Boxes | ▶ Cutting Oil | ▶ Transmission Oil |
| ▶ Cold Forming | ▶ Cement Mills | ▶ EDM Oil | ▶ Compressor Oil |
| ▶ Fastener Mfg. | ▶ Coal Mills | ▶ Spindle Oil | ▶ Bio Diesel / WVO |
| ▶ Heat Treatment | ▶ Crushers | ▶ Hydraulic Oil | ▶ Anti Rust Oil |
| ▶ Bright Bar Mfg | ▶ Transmissions | ▶ Gear Oil | ▶ Stamping Oil |
| ▶ Thread Rolling | ▶ Marine Engines | ▶ Turbine Oil | ▶ Honing Oil |
| ▶ Super Finishing | ▶ Port Equipments | ▶ Engine Oil | ▶ Quenching Oil |
| ▶ Honing | ▶ Mining Equipments | ▶ Furnace Oil | ▶ Water Emulsions |
| ▶ Grinding | ▶ DG Sets | ▶ Thermic Fluid | ▶ Test Bed Oil |

Why Centrifugal Oil Cleaner

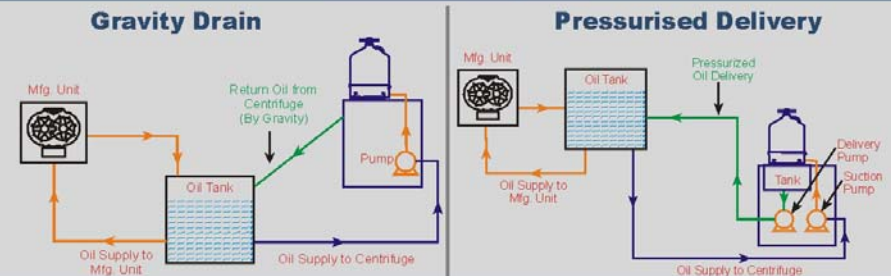
Centrifugal Oil Cleaner removes very fine dirt from Oil upto 1µ and below, by Centrifugal force created in centrifuge rotor. Conventional filters can not remove such fine dirt from oil. There are no consumables hence no recurring cost. Collected dirt can be easily cleaned and the unit put back to use again. With clean oil, wear of tools and dies is reduced and job finish is improved. The oil need not be replaced frequently, thereby saving substantially on oil expenses and protecting Environment.

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.



Schematic Diagram



Construction



Product Range



Oil Cleaning System Model	Nominal Flow Rate	Dirt Holding Capacity	Dimension (W x D x H) Inch
OCS 500	500 LPH	500 cc	22 x 12 x 30
OCS 750	750 LPH	1000 cc	22 x 12 x 33
OCS 1500	1500 LPH	2000 cc	24 x 13 x 38
OCS 4000	4000 LPH	6000 cc	30 x 18 x 44
OCS 8000	8000 LPH	12000 cc	33 x 28 x 44
OCS 1000P	1000 LPH	1000 cc	28 x 18 x 36
OCS 1500P	1500 LPH	2000 cc	30 x 20 x 38
OCS 4000P	4000 LPH	6000 cc	33 x 23 x 44

Customers



Installations



Sludge Collected



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