Reduced Engine operating & Maintenance expenses

- No Replacement Element
- No Recurring Cost
- Increased Engine Life
- Improved Engine Operation
- Extended Oil Change Period
- Finest filtration below 1µ
- Substantial savings on operating & Maintenance expenses...

Use Olimax
Save Environment

One Time fitment, Lifelong Savings

Schematic Diagram - Full Flow Filter & Centrifugal Oil Cleaner

Full flow filter carries entire oil flowing to various engine components, hence it has coarse filter element of 30 to 50 µ to meet the flow requirement of engine components. It removes large particles, however fine particles remain in the oil. Centrifugal oil cleaner is installed in bypass line. It is a multipass cleaning system. It processes small quantity of oil continuously & removes all the particles present in the lube oil down to 1µ thereby achieving very high level of oil cleanliness.

Expenses Saved Is Profit Earned

With Olimax Centrifugal Oil Cleaner substantial savings can be achieved on three major engine operating expenses i.e. cost of lube oil, filters and Engine overhauling.

Save with Olimax

Centrifugal oil Cleaner is also available as Complete Standalone system, including Motor, Gear pump, Pressure gauge, Electrical switch gear etc. It is useful for cleaning on-board oils like Gear oil, Transmission oil, Hydraulic Oil, Fuel Oil, Stalling Box Oil etc. It can also be used for cleaning engine lube oil of low rpm engines (with pressure upto 3 bar). The unit is mounted on wheels and can be easily moved.

Olimax Systems Pvt. Ltd.

Selection Chart - Engine Mounted Centrifuge

Selection Chart - Standalone System

Applications

- Auxiliary Engines
- Main Propulsion Engines
- On Board Cranes
- RTG Cranes
- Reach Stackers
- Stalling Box Oil
- Gear Box Oil
- Hydraulic Oil

Working Principle

Centrifugal oil cleaner operates on reaction turbine principle. Oil enters centrifuge under pressure and flows into rotor through hollow rotor shaft. The pressure and flow is converted into rotational energy as oil escapes through the rotor jets, producing speed up to 6000 rpm. The resultant centrifugal force removes dirt from the engine oil, depositing it on the inner wall of rotor in a dome cake form. Clean oil drains back to the engine oil by gravity.

Why Centrifugal Oil Cleaner

Centrifugal Oil Cleaner removes very fine dirt from lube oil below 1µ. Present engine filtration system can not remove such fine particles. With clean lube oil, Engine wear & tear is substantially reduced, particularly of the tight clearance components like Piston Rings and Liners, Camshafts & Bearings, Turbo Charger, Gear Train etc. Effective removal of Carbon soot prevents Ring sticking and Dching of oil passages, improving engine performance.

Installation

- MAN B&W 7L 24/30 Engine
- MAN B&W 5L 10/12 24 Engine
- MAN B&W 5L 12/22 Engine
- Deutz 5 DR 30 Engine

Engine Oil Sump: 33 LPH @ 50 LPH @ 100 LPH @ 200 LPH @ 400 LPH @ 600 LPH

Oil Cleaning System Model: OCS 600

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