

OEM FITMENTS



CENTRIFUGE RETROFIT INSTALLATIONS



OUR CLIENTELE



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DEALER / DISTRIBUTOR :



ENGINE WEAR IS DIRECTLY RELATED TO LUBE OIL CLEANLINESS

Centrifugal Lube Oil Cleaners For Removal of harmful dirt from engine oil



Applications

Construction Equipments
Mining Equipments
DG Sets



Oil analysis results have shown the centrifuge has maintained levels of soot, insolubles, viscosity and wear metals within the manufacturers' specifications over the previous drain intervals and beyond, which in some instances has doubled the oil drain interval on the emission complaint engines.

Centrifugal Lube Oil Cleaner acts as
"Engine Conditioning System"

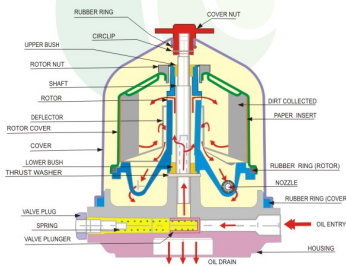
Largest installation base in India with 5 OEMs
(Kirloskar, Greaves, Mahindra, BEML & Cummins) using our product

Benefits to the end users

- ◆ No replacement element
- ◆ Extended lube oil drain interval
- ◆ Enhanced engine life
- ◆ Finest filtration (5 micron & below)
- ◆ Increased oil filter life
- ◆ One time investment

BETTER FOR THE ENVIRONMENT

Reduces oil and filter waste
Promotes clean combustion and lowers emission



Centrifugal Lube Oil Cleaner Working Principle

Centrifugal Lube Oil Cleaner operates on the Hero turbine principle.

Oil enters the centrifuge under pressure and passes into the rotor through hollow rotor shaft. The oil pressure and flow is converted in rotational energy as the oil escapes through the jets, producing speed to 6000 RPM and above. The resultant centrifugal force removes dirt from the engine oil depositing it on the inner wall of rotor in a dense cake form. Clean oil drains back directly to the engine oil sump by gravity.

SELECTION CHART

| Centrifuge Model | Nominal Flow Rate | Dirt Holding Capacity | Engine Oil Sump Capacity | Engine Models |
|------------------|-------------------|-----------------------|--------------------------|---|
| LC 10 | 75 LPH | 0.1Kg | 14 Ltrs. | JCB 3D / 4D, Telcon TH76 / 86, EX 70, Ace BHL, CAT BHL, Forklift, All 4 Cylinder Engines |
| LC 20 | 180 LPH | 0.2 Kg | 30 Ltrs. | TATA, A. Leyland, AMW, Volvo, Eicher, MAN Tippers, Telcon TWL 3034 / 3036, CAT 3306 / 3406, Cummins 6 CT, NT 495 etc. engines |
| LC 35 | 240 LPH | 0.25 Kg | 40 Ltrs. | Cummins – NTA 743 / 855 / Big Cam engines, Perkins, Volvo Penta, Mitsubishi DG sets / Mining Equipments |
| LC 50 | 400 LPH | 0.5 Kg | 65 Ltrs. | Cummins – KT 1150 / KT 19C / KTTA 19C, / VT 1710 / Detroit 60, CAT – 3412, VTA 28 Volvo Penta 1641 GE DG sets / Mining Equipments |
| LC 50 x 2 | 800 LPH | 1.0 Kg | 130 Ltrs. | Cummins – KTA 2300 / 38C, CAT 3508 / 3512, Detroit 2000 Series, MTU 2000 Series DG sets / Mining Equipments |
| LC 60 | 600 LPH | 0.6 Kg | 100 Ltrs. | CAT, Perkins, Detroit, MTU, Volvo Penta, DG sets / Mining Equipments |
| LC 90 | 750 LPH | 1.0 Kg | 150 Ltrs. | Perkins, Detroit, Yanmar, MTU DG sets |