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

Applications
Construction Equipments
Mining Equipments
DG Sets

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 Hering 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.

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 compliant 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

<table>
<thead>
<tr>
<th>Centrifuge Model</th>
<th>Nominal Flow Rate</th>
<th>Dirt Holding Capacity</th>
<th>Engine Oil Sump Capacity</th>
<th>Engine Models</th>
</tr>
</thead>
<tbody>
<tr>
<td>LC 10</td>
<td>75 LPH</td>
<td>0.18 Kg</td>
<td>14 Lts.</td>
<td>JCB 3D / 4D, Telkon TH76 / 86, EX’70, Ace BHL, CAT BHLL, Forklift, All 4 Cylinder Engines</td>
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<tr>
<td>LC 20</td>
<td>100 LPH</td>
<td>0.2 Kg</td>
<td>30 Lts.</td>
<td>TATA, Leyland, AMW, Volvo, Eicher, MAN Tippers, Telkom TW2 / 3014 / 3016, CAT 3306 / 3406, Cummins 6 C7, NT 495 etc. engines</td>
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<tr>
<td>LC 35</td>
<td>240 LPH</td>
<td>0.25 Kg</td>
<td>40 Lts.</td>
<td>Cummins – NTA 743 / 855 / Big Cam engines, Perkins, Volvo Penta, Mitsubishi DG sets / Mining Equipments</td>
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<tr>
<td>LC 50</td>
<td>400 LPH</td>
<td>0.5 Kg</td>
<td>65 Lts.</td>
<td>Cummins – KT 1150 / KT 19C / KTFA 19C, VT 1710 / Detroit 60, CAT – 5412, VTA 28 Volvo Penta 1644 GE DG sets / Mining Equipments</td>
</tr>
<tr>
<td>LC 50 x 2</td>
<td>800 LPH</td>
<td>1.0 Kg</td>
<td>130 Lts.</td>
<td>Cummins – KTA 2000 / 38C, CAT 3508 / 3512, Detroit 2000 Series, MTU 2000 Series DG sets / Mining Equipments</td>
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<tr>
<td>LC 60</td>
<td>600 LPH</td>
<td>0.6 Kg</td>
<td>100 Lts.</td>
<td>CAT, Perkins, Detroit, MTU, Volvo Penta, DG sets / Mining Equipments</td>
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<tr>
<td>LC 90</td>
<td>750 LPH</td>
<td>1.0 Kg</td>
<td>150 Lts.</td>
<td>Perkins, Detroit, Yanmar, MTU DG sets</td>
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