

LUBRICLEAN 600EL

MOBILE TRAMP OIL SEPARATOR

Coolants and wash solutions inevitably become contaminated with tramp oil and particulate material during the production process. This contamination provides an ideal breeding ground for bacteria and fungi, which quickly degrade the cooling lubricant.

The LUBRICLEAN has a unique floating pick-up that skims the tramp oil and coolant mix from the top of the machine sump. An electrically operated pump pulls the tramp oil/coolant mixture from the surface of the sump through a high capacity steel filter, which removes particles and sludge from the coolant. The filtered coolant is then pumped through a separation tank where tramp oil droplets are separated from the coolant and collected in a removable container. Clean coolant, after being filtered, cleaned of 99% of contaminated oils, is returned directly to the machine sump through an outlet pipe. A COOL-CLEAN separator can clean coolant at approx. 600L/hour, and then may be moved to another sump and set up in minutes. We recommend that each sump be cleaned once per week.

Ideal for CNC machining centres, lathes, milling machines, grinding machines, parts washers, quenching tanks.



- ✦ Filters coolant and removes tramp oil
- ✦ Simple to use – pneumatic operation
- ✦ Works in bypass – whilst your machine is operating
- ✦ Helps prevent unpleasant odours and risk of infection
- ✦ Increases service life of coolants and tools
- ✦ Operator benefit – cleaner machines and components

LUBRICLEAN 600EL

Max Capacity 600lt/h, Mobile or fixed Installation

Electrical Pumps 230V- 50Hz Complete With:

N° 1 Electrical Pump

N° 1 Aspiration Pipe

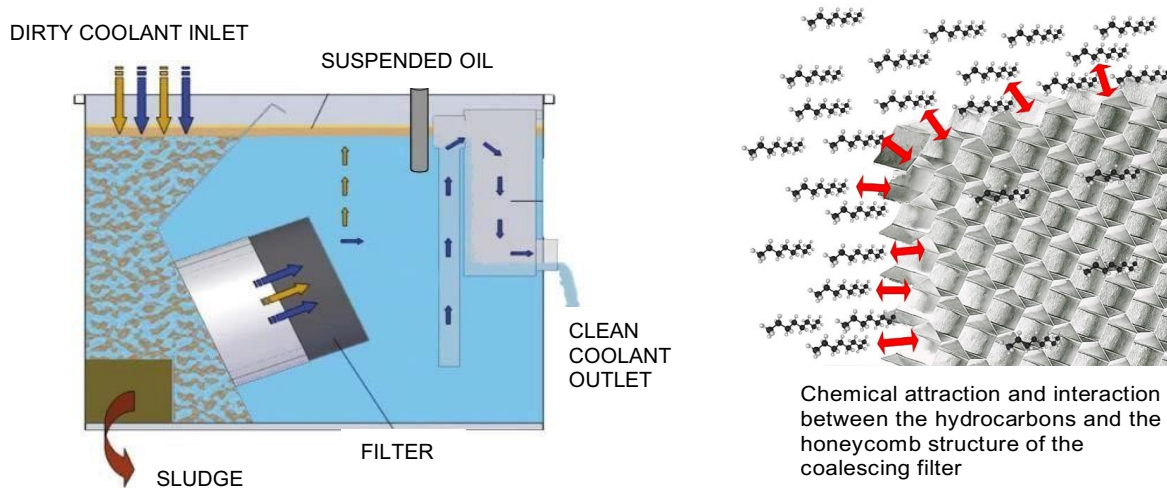
N° 1 Drain Pipe

N° 3 2V Ball valves

N° 1 Fast Connector

N° 1 On/Off Switch Panel

HOW DOES IT WORK?



Thanks to an innovative coalescing filter, suitably inclined and positioned inside the machine, it is possible to separate oily substances and hydrocarbons from water or emulsions.

CONTINUOUS FILTRATION - LOWER DISPOSAL COST

The use of these specific products allows you to evacuate only the foreign oils, minimizing the volume of waste.

REDUCTION OF BACTERIAL LOADS AND BAD SMELLS

The continuous treatment of the cooling lubricant allows its recirculation and oxygenation, with the advantage of drastically reducing colonies of anaerobic bacteria which, together with stagnation, cause dermatitis and bad odours;

HIGHER COOLANT YIELD

Treated coolant has the following advantages: maintain its qualities for a longer period of time; avoid replacing the entire charge; reduce fouling of pipes and nozzles; improve pump performance; keep the work area cleaner with a lower incidence of maintenance costs.

LESS TOXICITY OF EVAPORATION

The filtration system used in our machines allows to return an emulsion containing oils and hydrocarbons, in general, in quantities not exceeding 10 parts per million (ppm). In fact, the equipment removes not only the oil surfacing on the surface but also the oil mixed with the liquid, thus avoiding that the latter, coming into contact with the work area, generates unhealthy vapours.