

## **Hydrocarbon Separators** Oil removed from contaminated waste water

Hydrocarbon separator plants serve **to remove the residual mineral oil from industrial water**. This installation is required at service stations, car washes, repair shops, garages and specific industrial applications.



**Hydrocarbon separation plant**

### **Advantages and Benefits**

- Higher performance at a lower cost due to our own design and custom manufacturing of all equipment.
- Our mobile and easy unit reduces shipping and assembly cost.
- High chemical resistance to corrosive agents.
- Quick installation and commissioning.
- High mechanical strength.
- Adequate thickening for any application following UNE-EN 12121 or ASME.

## • How it works?

The process have of two stages:

### 1.Oils Removal

In the first stage is carrying out the oil separation. By differences of densities between the water and oils the hydrocarbon separation occurs.

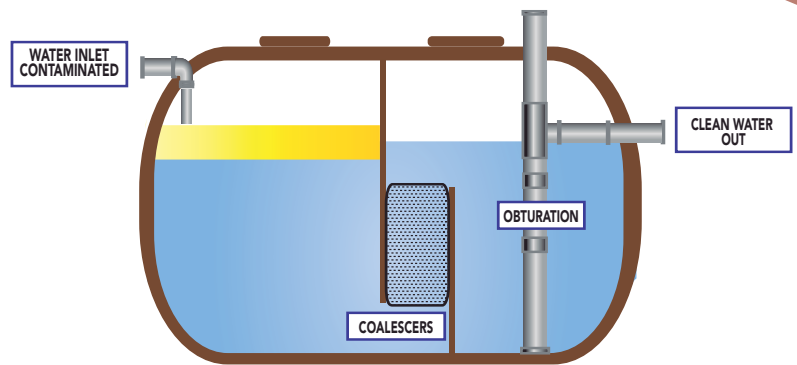
In **Dimamex separators** is included a **coalescing cell**. It allows for higher performance.

### 2. Security System

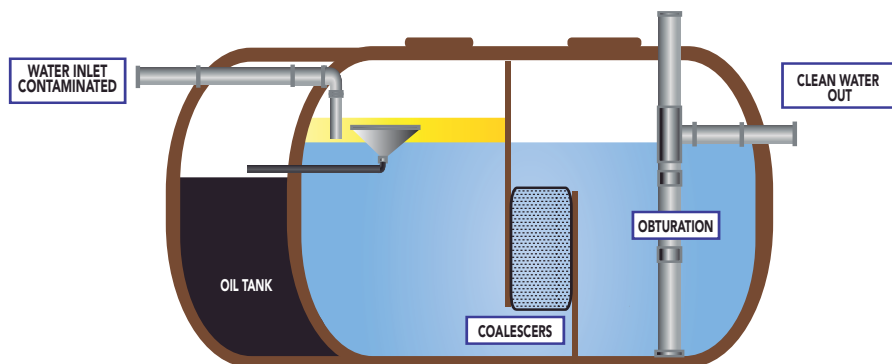
In addition, we include in all our teams a **Obturator: safety device that prevents the leakage of oil**, thus avoiding polluting discharges to the in the effluent.

**Dimmex: union between manufacturing and engineering**

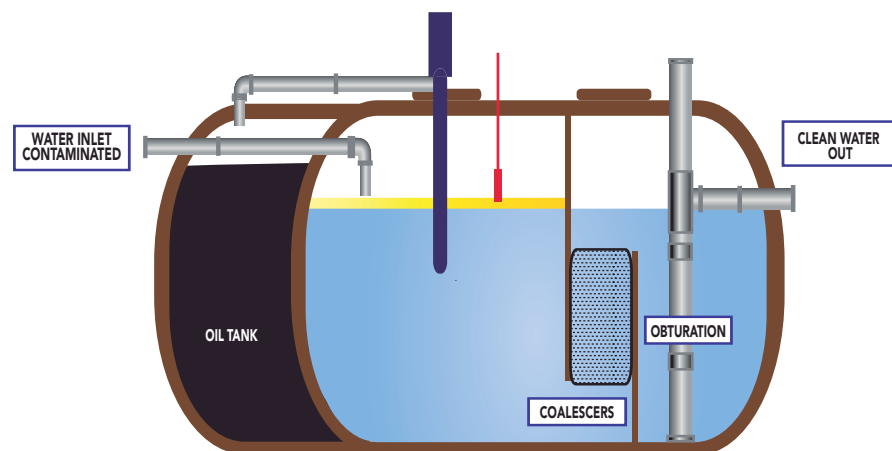
**We manufacture all equipment designed directly by our engineering department.**



MANUAL EQUIPMENT



SEMI-AUTOMATIC EQUIPMENT



AUTOMATIC EQUIPMENT

### Accessories



Obturator

Coalescers

Skimmer