

## **CLASS I HYDROCARBON SEPARATOR BY COALESCENCE WITH MECHANICAL SKIMMER AND INDEPENDANT STORAGE TANK**

**REF: CHC-SH-L-K-M**

### **Applications:**

- Mineral oil, grease and hydrocarbon separation from water (gravity and coalescing separation) by density difference. This unit does not separate emulsified oil.
- Automatic skimmer collects the separated oil which is conveyed to the external oil storage tank.

***NOTE:** For organic oil and grease removal (from vegetables and animals), please refer to chapter nº1: Grease Separators.*

### **Characteristics:**

- Salher brand, model CHC-SH-L-K-M. Class I, outlet oil concentration smaller than 5 ppm.
- Designed according to DIN 1999 and UNE 858 Standards.
- Manufactured in Glass Fiber Reinforced Polyester (GFRP) with orthophthalic resins.
- Oil separation and solids settling chambers.
- Coalescing plates with a large specific surface area:  $240\text{m}^2/\text{m}^3$ .
- **An automatic oil skimmer** for oil removal.
- Optional: external oil storage tank.
- PVC inlet and outlet pipes. Outlet in the manhole to install a ventilation pipe.
- Optional: oil detection alarm.

