

**ESEP** has more than 30 years of in-house experience and offers sophisticated solutions for the purification of wastewater and the control of water flows. We have been leaders in the field of separator technology for decades and we offer KOMO and CE certified oil, fat (grease), and sludge separators with internal HDPE lining.

**ESEP** aims to be a reliable and flexible partner and to go further than just delivering a product. What sets our company apart is our ability to provide the perfect solution and our flexibility. As a result of our extensive experience and our in-house development and production, we can offer customized solutions like no one else can.

**ESEP** produces among others separators, sievebends, filters, emulsion splitters, recycling systems, inspection and measurement devices, drainage systems, manhole covers, pumping installations, water management and control systems, vortex flow controls.



# ESEP<sup>®</sup>

## Oil and Grease Separators



ENGLISH

**ESEP Milieutechniek B.V.**

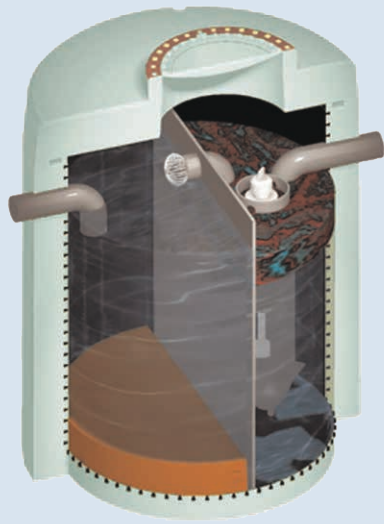
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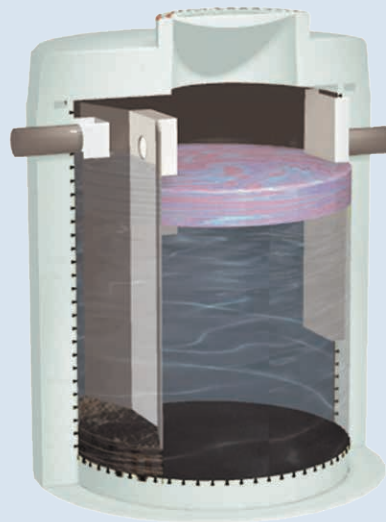
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**Oil Separator Concrete**  
For light mineral liquids



**Grease Separator Concrete**  
For greases and oils  
of vegetable and animal origin



**HDPE Separator**  
Available in both  
oil as grease separator

## Oil Separators

Oil separators and sludge traps are mostly used where light liquids (e.g. oil and petrol) can be released, for example:

- Car companies
- Engine overhauling
- Gas stations
- Carwashes
- Parking lots
- Storage areas
- Environment parks
- Dock shelters

Available in both reinforced concrete, as in HDPE and suitable for installation above or in the ground.

Capacities calculated, dimensioned and tested according to NEN-EN 858 and/or BRL 5251. Oil separators are equipped with a water seal at the inlet and a fully automatic closure device at the outlet to prevent oil spillages in case of an emergency. Optionally the concrete separators can be equipped with a pre-installed HDPE lining for extra protection. Each separator comes with a KIWA-KOMO certificate and/or Declaration of Performance (DoP). Manhole covers in concrete / cast-iron combination according to NEN-EN 124, class B, 125 KN, or class D, 400 KN.

Several pre-installed automatic warning devices available e.g. oil thickness, sludge, and high level.

## Grease Separators

Grease separators and sludge traps are widely used in areas where it is necessary to separate greases and oils of vegetable and animal origin, such as in:

- Commercial kitchens and catering facilities (e.g. hotels, restaurants, canteens)
- Grilling, roasting and frying facilities
- Butcher's shops
- Meat and sausage factories
- Abattoirs (poultry, tripe, bone and glue plants)
- Soap and stearine factories
- Oil mills, margarine and vegetable oil factories
- Pickling plants & peanut roasting plants
- Fast-food preparation plants

Available in both reinforced concrete, as in full (non-rotational moulded) HDPE and suitable for installation above or in the ground. Capacities calculated, dimensioned according to NEN-EN 1825 and/or BRL 5252. Manhole covers available in several types of which an odour free model. Optionally the concrete separators can be equipped with a pre-installed HDPE lining for extra protection. Each separator comes with a KIWA-KOMO certificate and/or Declaration of Performance (DoP). Custom made separators produced in our factory or at your building site is always possible.

Several pre-installed automatic warning devices available e.g. oil thickness, sludge, and high level.

