

Leiblein

world of liquids



Filler material-coalescence separator

Technologies for solid/liquid separation

The filler material-coalescence separator

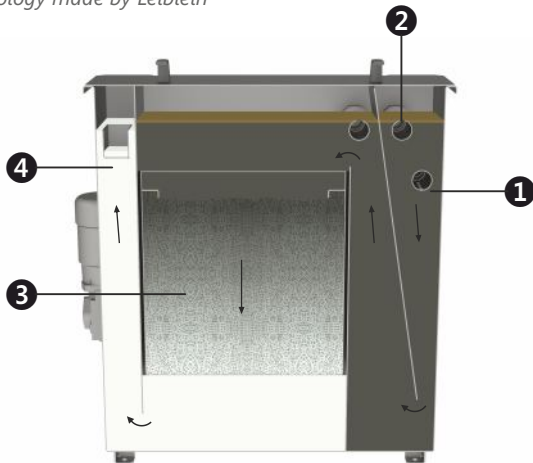
For the cleaning of moderately contaminated cooling lubricants

The filler material-coalescence separator (Oilex) cleans emulsions such as cooling lubricants and frees them of tramp oils. It is suitable mainly for mediums, which are very rarely contaminated with solids. With the help of

the large surface, which forms due to the filling material, a high oil-separation can be achieved for the liquid / liquid separation.

Functional principle of the Oilex

Technology made by Leiblein



Effective oil separation through large surface

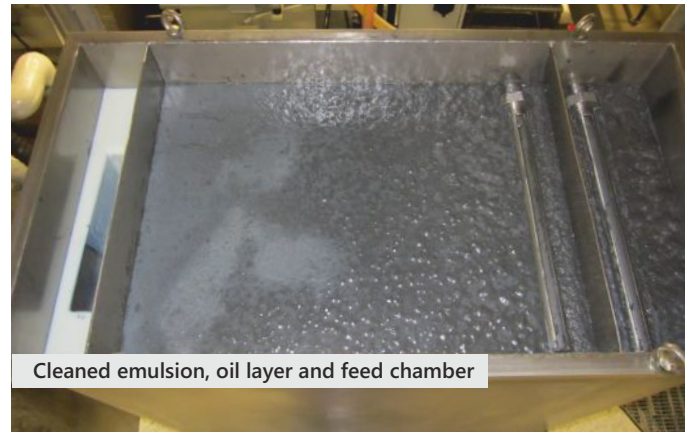
Through the inlet chamber (1) the contaminated emulsion is led downwards. Large tramp oil drops collect on the surface and are removed using the effluent weir (2). The emulsion flows to the top and from there again downward through the filling material (3). In doing so, small tramp oil drops do accumulate to the filling material and join to large drops, which now can also rise to the surface, and are separated there. The cleaned emulsion flows to the outlet chamber (4).

Fields of applications and designs

Multiple applications

The filler material-coalescence separator is mainly used to separate tramp oils from the cooling lubricants. Other uses are e.g. degreasing baths or glass-scratching water used in hollow glass manufacturing. For this reason is the Oilex outstandingly suitable for the use in Circulation systems. Another field of application is e.g. the pretreatment of oil emulsive residual water and cleaning water.

Each filler material-coalescence separator is designed for its specific use. In addition, we provide you all products as test and/or rental system.



Cleaned emulsion, oil layer and feed chamber



Two Oilex for the coolant cleaning

High efficiency

The advantages of our filler material-coalescence separator

- High oil separation performance due to large surfaces
- No chemical changes of the medium
- No division of emulsions
- Protection against running dry run or deterioration
- Increased service life of membrane systems

You have questions about the treatment of your medium? Do not hesitate and contact us!

We would be pleased to advise you.

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