

Freylit's oil separators are also known as "Enhanced Gravity Separators" because they speed up the natural process of oil/water separation. In an oil/water mixture, oil having a lower specific gravity than water, will eventually float to the surface.

Freylit's oil water separators use corrugated parallel coalescent plates to enhance this natural process, without the use of chemicals.

Advantages of Freyлит Plate Packs

- ❖ Designed and manufactured in Austria under the strictest quality controls and performance regulations tests.
- ❖ Guarantee of under 5 ppm (parts per million) of hydrocarbons in the effluent discharge water
- ❖ Low operation cost, no power supply needed, and very compact separators.
- ❖ Minimum maintenance- no spare parts, no changing of filters or coalescent medium needed.
- ❖ Exceptionally long working life. 5 years warranty on coalescent plates.
- ❖ No mechanical moving parts, therefore eliminating wear and tear associated with other systems.
- ❖ Special material of coalescent plates and divider spacers at the bottom of plates ensures that they will keep their shape and distance between plates in tough working conditions and medium temperature ranges. In extreme temperature conditions above 120 degree C, POM plates (Polyoxymethylenhomopolymer) are used to ensure the overall characteristics of the plates are maintained.
- ❖ Special surface treatment of coalescent plates for enhanced coalescent effect.
- ❖ Full engineering, design and technical support for installation, commissioning and operation worldwide.

