The Corella® Coalescer is a removable, inclined parallel, flat/corrugated plate coalescer that enhances separation of both oil and solids from all strata of the wastewater stream. It is individually engineered to specific application and job-site requirements to maximize utility.

- Solids slide off flat plate tops and settle in collecting area
- Double-wall construction available with interstitial leak monitoring
- Rugged steel construction for greater impact strength, superior product compatibility and unsurpassed corrosion resistance
- Oil coalesces into sheets on the corrugated undersides and flows upward
- Effective wastewater treatment at varying flow rates and concentrations
- Patented internal baffles and coalescers accelerate the separation process for unparalleled performance improving effluent quality to 10 ppm free oil

How It Works
Highland Tank’s patented oil/water separators are stationary wastewater treatment tanks filled with water. They contain specially designed internal baffles and coalescers to accelerate the separation process.

- In the sediment chamber, heavy solids settle out and concentrated oil rises to the surface. The oil globules then rise to the surface of the separation chamber, where the separated oil accumulates. Any remaining solids slide off the plates to the solids collection area. The effluent flows down and toward the outlet and is discharged by gravity displacement.
- A Petro-Screen polypropylene impingement coalescer (an encased bundle of layered oil-attracting fibers) is used to intercept droplets of oil that are too minute to be removed by the Corella® Coalescer.
- Electronic oil level controls sound an alarm at high oil levels so that waste oil can be removed from the separator. Double-wall separators are monitored with electronic leak detection systems for the interstitial space.

Inlet and outlet through separator treats for shallow burial depths
Fluid level cannot rise into manways for total secondary containment
Inlet and outlet through separator heads for shallower burial depths
Highland Tank Oil/Water Separators are listed and approved under one or more of the following patents and approvals:

- Underwriters’ Laboratories, Inc. LS-02310
- U.S. Patents - 4,722,800; 5,520,825 & 6,605,224
- Massachusetts Board of State Examiners of Plumbers and Gas Fitters under Calendar Number 1215-88-SA

Highland Tank oil/water separators set the standard for reliability. Our separators are designed to remove oil, grease, light petroleum products, and oily coated solids from a variety of wastewater discharges.

They are typically installed in industrial areas and receive oily wastewater generated during processes such as bulk petroleum storage and handling, aircraft and vehicle fueling, maintenance, washing and environmental remediation of petroleum contaminated sites.

The effluent from oil/water separators is typically discharged to either a storm or sanitary sewer system.

Our high-efficiency oil/water separators are recommended for a wide range of industrial applications, such as:

- Airports & Aircraft Services
- Electric Utilities & Power Plants
- Environmental Remediation
- Industrial Facilities
- Military & Government Facilities
- Municipalities
- Petroleum Production & Marketing Facilities
- Railroads
- Transportation Companies

They are also located in vehicle service areas associated with each of these facilities:

- Fueling Facilities
- Repair & Maintenance Shops
- Wash Areas

Unlike other oil/water separators, they are easy to install, operate, and maintain.

### Unmatched Quality & Service

Highland Tank provides you with the most efficient and reliable oil/water separators in the industry.

Highland Tank Oil/Water Separators

- Strongest and most reliable oil/water separators
- Designed to remove oil, grease, light petroleum products, and oily coated solids
- Efficient and reliable performance

Highland Tank Oil/Water Separators are available in a variety of sizes and configurations to meet the specific needs of each application.

Please visit us at www.highlandtank.com

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