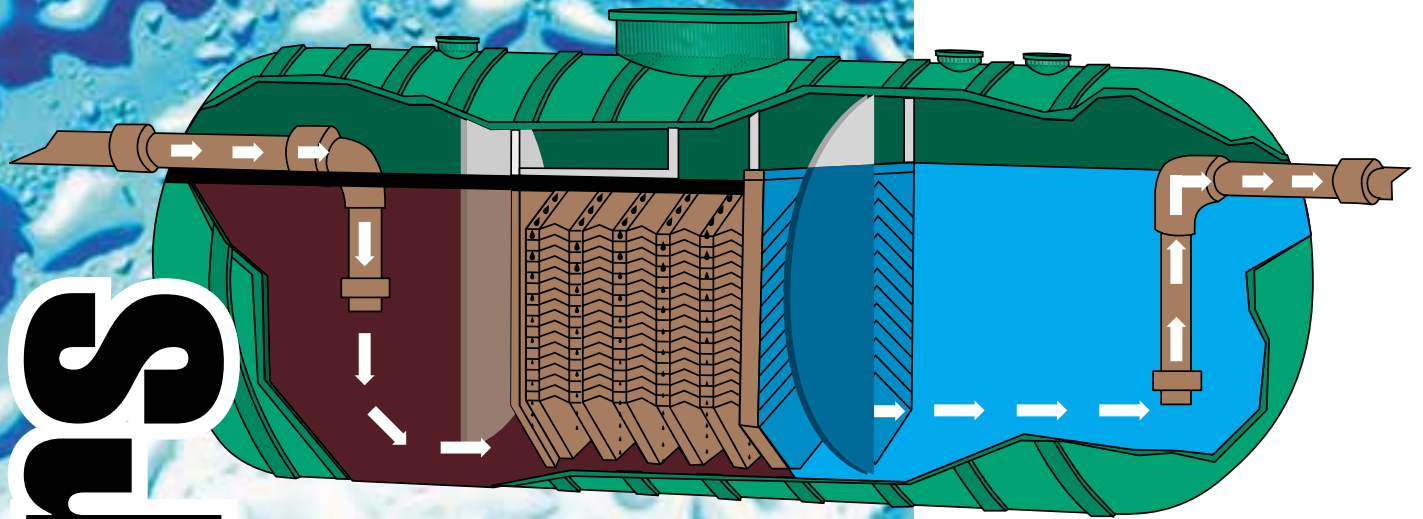


Separators

Coalescing Oil/Water Separators



Better flow, better separation

ZCL Coalescing Separators provide substantially higher design flows than gravity separators having the same footprint.

An enhanced MPak[®] design removes oil droplets as small as 20 microns! Effluent oil concentrations are reduced to as low as 10 parts per million.

ZCL
COMPOSITES INC.

*High performance Solutions for Reducing
Oil and Fuel in Run-off Water Streams*

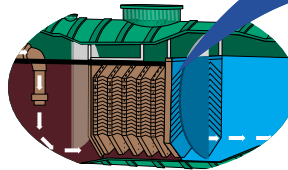


**CANADA'S
#1 SELLING
FIBERGLASS
TANKS**

High-efficiency Oil-Water Separators

Efficiently remove solids and oil droplets*

MPak® designed multiple-angle plates that are virtually self-cleaning, removing solids as small as twenty microns. Oil contamination is reduced to as low as ten parts per million!



Separation is enhanced with an MPak® design coalescing system from Facet International

Corrosion-resistant inside & out

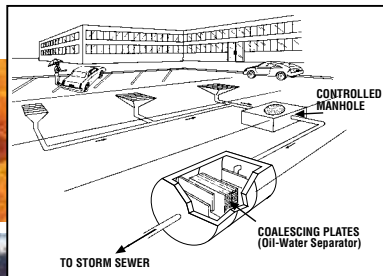
ZCL Oil-Water Separators are manufactured with premium-grade fibreglass reinforced plastic. They have no moving parts, require only minimal maintenance and are engineered for long-term underground service.

High performance guaranteed

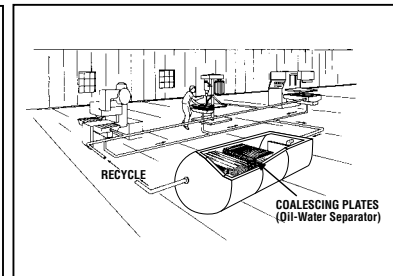
Every tank is backed by Canada's leading tank specialist, ZCL Composites Inc. in association with Facet International Inc., North America's foremost designer and supplier of coalescing media.



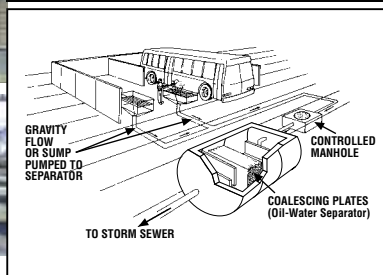
Applications



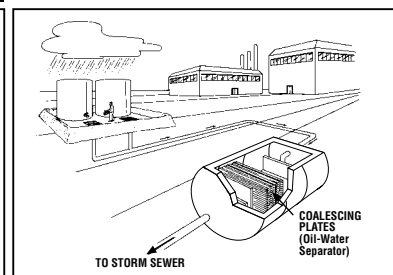
Parking lot rainwater runoff



Removal of tramp oil from machine-tool coolant



Service vehicle maintenance garage



Rainwater runoff from tank bottom drain spills

* Not chemically emulsified or dissolved.
This vessel will not separate alcohol solvents or soapy solutions.

* MPak® is a registered trademark of Facet International Inc.

Technical Features

- Double-wall and single-wall models
- Corrosion-resistant internal and external components
- The coalescing system has a maximum amount of coalescing surface area.
- The plates are self-cleaning. "Solids are separated to the bottom; oil is separated to the top."
- No moving parts; minimal maintenance requirements
- The coalescing system can be cleaned in place. Separator is designed for easy removal of plate packs for full maintenance.
- Shut-off valve is available as an option – either manual or automatic.

Separator Model Specifications

Model Number COWS-	Nominal Diameter (mm)	Overall Length (mm)	Product Holding Capacity	Flow Rate (L/minute)* for 15 ppm	Flow Rate (L/minute)* for 10 ppm
190	1254	2295	1360 L	190	130
380	1254	4368	2700 L	380	260
620	1930	4924	6445 L	620	440
830	1930	6530	9565 L	830	590
1670	1930	8426	12880 L	1670	1170
1630	2590	6061	17049 L	1630	1140
2700	2590	8135	24165 L	2730	1890
4900	2590	11256	33955 L	4900	3400

* based on 0.85 SG oil / 4.5°C / 400 ppm stormwater inlet free oil concentration

Vessels are designed and constructed in accordance with:

- The API manual on disposal of refinery wastes
- API Bulletin N° 1630, First Edition
- API Bulletin N° 421
- ULC S615
- Stokes Law

ZCL
COMPOSITES INC.



Protecting the Environment, Preserving your Business
An ISO 9002 Registered Company

For more Information, Call Us Today,
Toll-Free 1-800-661-8265

Visit Our Web Site: www.zcl.com

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