



SkimOIL, Inc
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Marine and Industrial Solutions Since 1995

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FLOW-THRU COALESCING MEDIA

For Oil Water Separators

SkimOIL's Flow-Thru, Coalescing Media Systems provide high performance oils and fuels separation in a compact, high surface area design.

Flow-Thru coalescing media systems are designed to remove non-emulsified, free & dispersed oils and fuels from water.

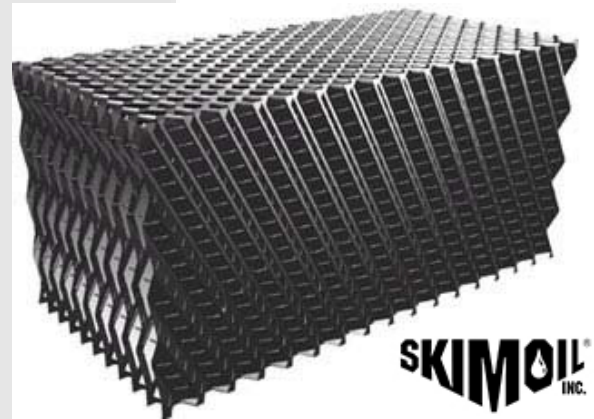
Flow-Thru coalescing media is a standard feature of our high performance oil water separators and are also offered for replacement or retrofitting of existing tanks to improve performance and increase flow rates. Removal efficiencies have been as low as <1 mg/L down to non-detect.

Typical, regular performance is in the 3-10 mg/L range depending on wastestream characteristics.

SkimOIL can provide review of your existing tank to replace existing media or engineer the fitting of Flow-Thru into a tank for the first time via modifications to optimize tank design for the best oil separation environment.

Ret-pak Media

Our Ret-pak secondary coalescing media can be provided to high-density surface area in a small cubic area to add to your existing media or in conjunction with Flow-Thru media to increase small droplet capture.



Ret-Pak Media Pack

Features Include:

- ◆ Cross-corrugated surface design
- ◆ High surface area per Ft³
- ◆ Long lasting PVC construction
- ◆ Solids settling/clearing design
- ◆ Numerous droplet impact sites
- ◆ Numerous changes of flow direction
- ◆ Space efficient design
- ◆ 60° corrugation angle

Options:

- ◆ Stainless steel (304/316) media frame sets
- ◆ HPVC/polypropylene/stainless media construction
- ◆ Ret-pak secondary coalescing media





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Flow-Thru construction is available in PVC, HPVC, polypropylene, glass-coupled polypropylene and stainless steel. Plate spacing and media dimensions are also variable depending on project requirements. Spacing is available in 1/4", 1/2", 3/4" & 1.2". Stainless media frames are offered to allow you to remove and replace all the media at once.

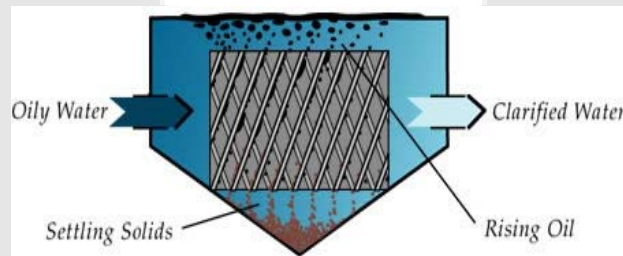
Customization & modifications to fit your project needs are offered to convert existing tanks into our high performance design or new design/build designs tailored to your facility and application. Typical performance is 10 mg/L or less, 30 micron oil droplet.



Flow-Thru Media Packs

The Flow-Thru media promotes oil & fuel removal by providing a controlled path for the wasteflow. *See the Separation Theory page (on website) for more information on Flow-Thru media operation & theory.*

Products removed: motor oils, fuels (vehicle/jet), fuel oils, hydraulic fluids, immiscible machining oils, lube oil, transmission fluid, bunker c, DNAPL, LNAPL, vegetable based oils, crude, air compressor lube & other hydrocarbon based derivatives (BTEX etc..). Model sizing is based on the oil/fuel specific gravity, droplet size removal desired and other parameters of the wastestream.



Flow-Thru media can settle solids loads as well as oils on a limited basis. If solids are unknown or characteristics possibly difficult please contact us to review your application for proper design.

LET SKIMOIL HELP IMPROVE YOUR OIL WATER SEPARATOR!