

# OIL RECOVERY UNITS

The **Monroe Environmental®** Oil Recovery Unit is heavily constructed for industrial applications and consists of an endless belt, an electric motor drive unit, and a complete enclosure. The belt is suspended from a specially designed driven pulley, with the lower portion immersed in an oil supporting liquid.

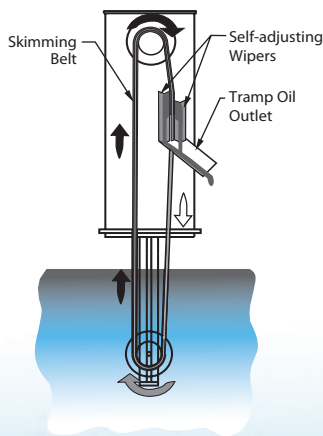
As the belt descends into the liquid, the floating oil adheres to both sides of the belt. Self-adjusting wipers mounted in a staggered position wipe the oil from the belt. The recovered oil drains into a trough for deposit into a storage tank or containers.

The Monroe Oil Recovery Unit operates unattended in any area of tranquil oil accumulation. It will continuously recover floating oil in a condition that permits disposal or reclaiming for other industrial purposes.



*Model 8A Oil Recovery Unit with 8 inch wide belt*

Many different industries can prevent water pollution by recovering oily waste with a Monroe Oil Recovery Unit. Even the lightest oils from food processing can be easily removed.



*Oil Recovery Unit standard configuration. Monroe Oil Skimmers are available in 8 in. to 24 in. belt widths.*



*Monroe Oil Skimmer continuously filling a 275 gallon storage tote.*

## Superior Belt Type Oil Skimmer

The Monroe Oil Skimmer incorporates a specially designed drive pulley that eliminates belt tracking problems. Unlike other recovery units, periodic tracking adjustments are not required on the Monroe unit. This unique feature eliminates complicated adjustable bearing assemblies and their associated maintenance procedures.

- Removes tramp oil from process liquids
- Prevents oil pollution
- Recovers valuable oil products
- Minimum maintenance
- Fully enclosed design

## Special Features

**Heavy gauge steel construction** with welded seams and lifting hooks provides rugged durability. Special construction materials and coatings are also available.

**Large, easy to open** access doors for all serviceable areas.

**Heated enclosure.** For use in extreme cold, the 12" and 24" models can incorporate insulated panels and an electric infrared or steam heater.

**An optional controller** is available for variable speed operation.

**Complete electrical controls** to meet customer requirements are available.

## Oil Recovery Unit Applications

- Auto manufacturing
- Chemical processing
- Food processing
- Metal processing
- Oil refineries
- Steel mills
- Storm water systems
- Wastewater treatment

## For Recovery of –

- Bunker "C" oils
- Cooking oils
- Hydraulic oils
- Lubricating oils
- Machine oils
- Mineral seal oils
- Other organic and synthetic fluids

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Registered ISO 9001:2015 and ISO 14001:2015

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