



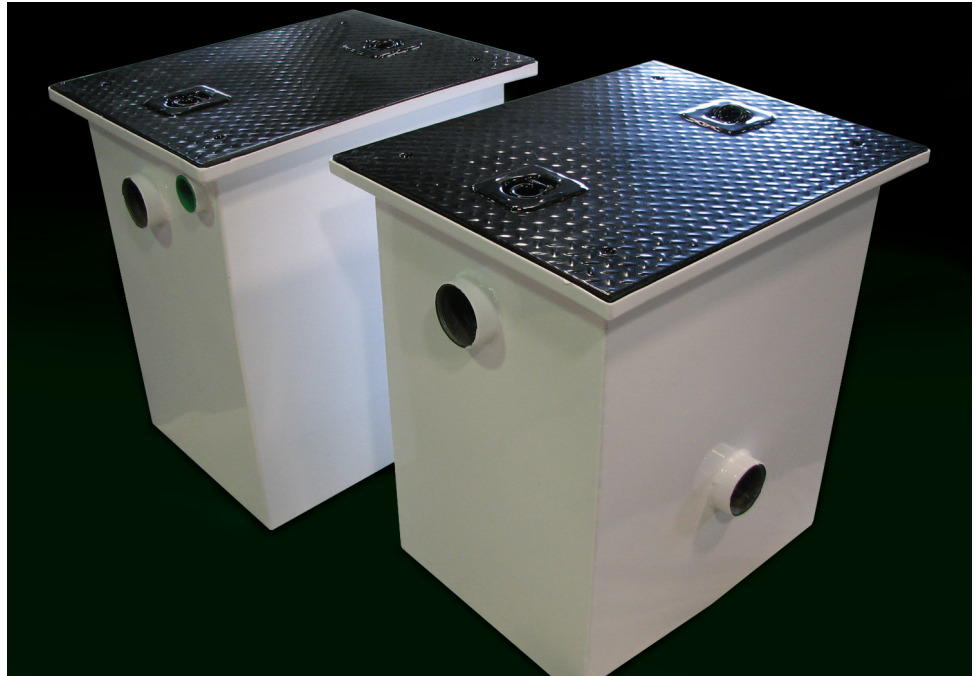
Manual Oil Interceptors (MOI) trap sediment and retain free-floating oils and grease (petroleum hydro-carbons and other volatile liquids) from wastewater discharged into floor drains.

They are often used in vehicle maintenance, storage, and washing facilities, as well as manufacturing plants.

Interior waste streams generated from equipment maintenance, manufacturing processes, and washing activities can contain petroleum, oil, lubricants, and sediment mixed in with the wastewater being flushed down the floor drains.

The flows from these activities are usually relatively small compared to outdoor flows which can be impacted by rainfall and runoff. The discharge from these facilities will typically be directed to a sanitary sewer system, as long as the oil interceptor provides acceptable treatment.

MOI are installed between the floor drain(s) and the sanitary sewer. The operation of the MOI is simple. MOI retain wastewater long enough to allow those contaminants with specific gravities different than water to separate out by gravity. Since oil is lighter than water, the oil floats and can be manually skimmed from the surface of the interceptor.



Highland Tank Manual Oil Interceptors (MOI).

Conversely, solids settle to the bottom and accumulate at the sludge baffle. The accumulating waste oil and solids are periodically removed and properly disposed.

The MOI products are also available with an Integral side oil storage compartment - called the MOI-SO. The separated oil floats to the surface and is then removed via the adjustable oil skimmer into the adjacent oil compartment by gravity. A certified waste hauler can then regularly remove the collected oil.

The side oil storage compartment simplifies the installation and maintenance of the interceptor system by putting the oil separation chamber and storage tank in one unit. This eliminates the need to pipe and vent a separate oil storage tank.

To view MOI product specifications, drawings, and literature, please visit the following link: <https://www.highlandtank.com/oil-sand-interceptors/>.

Call 814-893-5701 today or visit us at www.highlandtank.com for more information on wastewater treatment systems.

Contact: Tom Schoendorf
Email: tschoendorf@highlandtank.com