



OWT OILY WATER TREATMENT SYSTEM

Oily Water Treatment (OWT) for oil and grease wastewater utilizing bentonite with solids filtration followed by bleach sterilization for on-site treated water. OWT is designed to process up to 1,500 gallons per day of the reactant/water. Slurry is separated into a solid that remains on the surface of the filter paper while filtered water gravity-flows into a container while the advancing indexing paper drops off the unit into a container from which it would be discarded as non-hazardous solid waste.



Engineered to treat a wide range of waste water from various industrial applications

COMPONENTS - FEATURES - BENEFITS

- Waste Volumes 300 GPD - 1500 GPD
- Nema 4 Control Enclosure
- Removal of Oil and Grease
- Fabricated of 304-stainless
- Highly-Automated Chemical Treatment
- Fully Integrated Controls
- Programmable Logic Control (PLC) automation
- Reduce Disposal Cost – Re-use Waste Water
- Best-in-Class, high-quality components
- Intuitive yet powerful operating controls
- 304-SS polyurethane-coated mixer stand
- Non-metallic tank for long service-life

OILY WATER TREATMENT SYSTEM

Programmable logic control (PLC) & touchscreen human machine interface (HMI)
Variable components sizes to meet a wide range of waste volume requirements
Best-in-class system components and state-of-the-art designs & engineering

Scalable Components

- Waste Holding Tank
- Waste Transfer Pump
- Reaction Tanks
- Tanks Mixer
- Chemical Feed Pumps
- Treated Water Pump

Applications

Designed for removal of oil and grease (O&G) bearing rinses from many plating and metal finishing applications

- Metal Finishing & Plating
- Machining
- Aerospace Anodizing
- Paint & Powder Coat

Automation

- Allen-Bradley Compactlogix PLC
- Allen-Bradley Panelview HMI
- Signet sensors and instruments
- Proportional chem pump dosing
- Ethernet-based remote access
- Integrated HMI data-logging

