APPLICATIONS & SUCCESS STORIES FOR THE MARITIME INDUSTRY

1. On-board Applications with Leading Cruise Lines
2. Equipment & Services for Ship Yards
Azipod Lube Oil Purification Systems

Vacuum Dehydration Oil Purification Systems are great tools for removing water from Fixed & Azi Pod Lubrication Oil.

We have many applications on board many Cruise Lines with excellent results.

Simple and reliable process of Vacuum Dehydration enables end users to remove water while in operation at sea or dry dock. See picture below for process diagram.

The systems are compact enough to move directly near the aft propulsion systems. Simple to operate and only require 440 to 480 Volt 3 Phase Power – not other utilities are required.
Azi-Pod Lube Oil Purification Systems

3 GPM VDOPS Operating on an Azi-Pod Lube System

5 GPM VDOPS Operating on an Fixed-Pod Lube System
Fixed & Azi Pod Lube Oil Purification Systems

5 GPM Vacuum Dehydrator of Fixed Pod to prevent water from reaching high PPM levels.

3 GPM Vacuum Dehydrator for Azi-Pods to prevent water from reaching high PPM levels.

3 GPM Filtration Systems with Real-time Diagnostic Equipment which provide On-line Particle Counting & On-line Water in Oil Analysis to provide Percent Saturation of water within the Azi-Pod Lube Oil Systems.

Ships can now have real-time contamination data providing immediate lube oil cleanliness specifications.
Oil Flush Systems Routinely Rented by National Defense Contractor for US Navy

80 GPM Oil Flushing System

High Flow Particulate Removal Filter Vessel

Low to Medium Flow Particulate Removal Filter Vessel
Filtration & Fluid Pumping Equipment for Ship Yards

We manufacture Steel & Stainless Steel Pump Systems, Filter Vessels & Heaters for Costic Pipe Cleaning & Oil Flushing.

Numerous systems and configurations available that we rent, manufacture or we can provide a turn-key filtration service. We can also provide the technical expertise & labor. In addition, we can provide on-sight Oil Analysis. We have on-sight particle counters to attain ISO & NAS codes within minutes. We also provide water in oil analysis on-sight as well.
On-Sight Fluid Analysis

We can tell you the condition of an Oil or Fuel Flush with minutes.

What is your ISO or NAS Code?

What is you PPM of water in Oil or Fuel?

No problem because we have the solutions.