



## Engines : Fuel and Oil Contamination

Marine fuel, oil and hydraulic systems are a major application for Filter Technology filtration. With growing concerns over fuel quality and oil contamination from marine fleet operators and managers worldwide, Filter Technology has become a common and respected name within the industry, guaranteeing filtration performance second to none.



### Marine Fuel Applications ..

Sludge, moisture, algae, rust, scale and other contaminants can be dramatically reduced. Filter Technology filtration will deliver fuel up to four code grades cleaner to injector pumps and injectors.

### Marine Oil and Hydraulic Applications ..

From the oil filtration perspective, contaminated marine engine oil is the number one cause of excessive machinery wear and tear, regardless of engine size or operating environment.

Dirt and other foreign particles within the oil are extremely abrasive, and can cause a dramatic decrease in the engine's operating efficiency. By reducing the oil's capacity to provide essential lubrication, together with important cooling, sealing and cleaning functions, contaminants within the oil will cause substantial, and in many cases irreversible damage to an engine.

Together with several other key factors, the level of contaminants that occur within the marine engine's oil is also directly affected by the environment within which the machinery is being operated.



In addition to a substantial increase in both operating performance and equipment longevity, efficient filtration of marine engine and hydraulic oils also delivers a comprehensive range of cost savings. Filter Technology ultra-fine filtration systems will dramatically reduce contamination in all these applications.