

Marine Oil Separator for Diesel Engines

This separator is designed to remove water and mechanical impurities from mineral oil. It can also separate two liquids with different specific gravities or remove small amounts of solid particles from liquid.



Product Overview

Marine Oil Separator System

This high-efficiency marine oil separator is engineered to remove water and mechanical impurities from diesel, fuel oil, and lubricating oils. By effectively separating contaminants and unsolvable liquids, the system significantly reduces wear on pistons and cylinder liners while preventing nozzle blockage. Designed for both marine diesel engines and land-based power station generators, this unit combines compact construction with advanced automatic control to ensure optimal engine longevity and reduced maintenance costs.

Key Features

Operational Advantages

- High thermal efficiency
- Automatic control system
- Compact, space-saving structure
- Low oil consumption
- Economic maintenance cost

Safety & Monitoring

Integrated Alarm Systems

Low Pressure Alarm, Oil Temperature Remote Alarm, Motor Overload Alarm, Conventional Fault Alarm

System Components

Standard Components

Component Category	Description
Core Separation	Separator Unit
Filtration & Heating	Primary fuel filter, Fuel oil heater
Pumping & Control	Oil supply pumps, Control box, Temperature sensors
Infrastructure	Base, Instruments, Valves, Piping attachments

Applications

Suitable Applications

Marine Diesel Engines • Land-based Power Stations • Diesel Generating Sets • Fuel Oil Processing • Lubricating Oil Processing