



API OIL-WATER SEPARATOR

EFFECTIVELY REMOVES FREE OIL
PARTICLES LARGER THAN 150 μ m
DURING PRE-TREATMENT.

DS21's patented American Petroleum Institute (API) Oil-Water Separator is a device specifically designed to separate substantial amounts of oil and suspended solids from wastewater effluents of oil refineries, petrochemical plants, chemical plants, natural gas processing plants and other industrial sources of oily water.

Its name originates from its design standards, published by the American Petroleum Institute (API 421). These separators are often used in the pretreatment of refinery wastewater contaminated with oil and oily sludge. The API separator effectively removes free oil particles larger than 150 μ m as a pre-treatment step. These separators can also be equipped with VOC containment covers in fixed and floating styles.

APPLICATIONS

- + BILGE WATER
- + DESALTER WASTE
- + BALLAST WATER
- + RECOVER FREE OIL
- + REDUCE SLOP OIL WATER
- + IMPROVE PROCESS TREATMENT
- + REFINERY WASTEWATER
- + STORM RUNOFF WATER

PERFORMANCE

Pretreatment option in oily wastewater treatment processes and for high-density oil and sludge removal to reduce overall waste treatment load.

FEATURES



EFFECTIVE

Effectively removes free oil particles larger than 150 μ m in pretreatment



CARBON STEEL CONSTRUCTION

Small to medium capacity constructed of carbon steel



CONCRETE CONSTRUCTION

Medium to large capacity constructed of concrete



CAPACITY

1 m³/hr ~ 1000 m³/hr