



## OIL - WATER SEPARATOR

Refineries & Petrochemical

Harbours & Fuel Depots

Oil Fields & Gas Fields

Steel Mills & Industry

Power Stations

Service Stations

Work Shops

Car Parks

Garages

Airports



## WASHWATER RECYCLING SYSTEMS

For all vehicle washing operations and/or high pressure equipment for washing



Car Wash

Truck / Bus Wash

Trains / Aircrafts

Automatic or manual

high pressure wash

## OIL SEPARATOR FOR OIL SPILLS

Mobile oil separator for oil spill accident clean-up used world wide

e.g. in the Gulf of Mexico „deepwater horizon“

Our partners:



# WASH-WATER RECYCLING



The most efficient  
water treatment systems

## WASH-WATER RECYCLING SYSTEMS FOR ALL TYPES OF CAR WASH MACHINES AND HIGH PRESSURE WASHERS

FOR CAR WASH, TRUCK / BUS WASH, TRAINS, AIRCRAFTS, ...

90% WATER SAVINGS WITH OUR RECYCLING SYSTEMS

*flow rates from 30 to 600 Liters / Minute (8 - 160 GPM)*

## MINIMUM OPERATION COST:

- **SIMPLE MAINTENANCE ONLY ONE HOUR PER QUARTER**
- **NO CONSUMABLE MATERIALS** (no chemicals, filters,...)
- **FOUR STAGE DEGERMING PROCESS BY ELECTRIC** ~ PHYSICAL PRINCIPLE

## RETROFITTING OF RECYCLING SYSTEMS FOR ALL EXISTING CAR WASHES



\* ECOLIT 30 - 600 MF \*



\* EKOLIT 200 \*



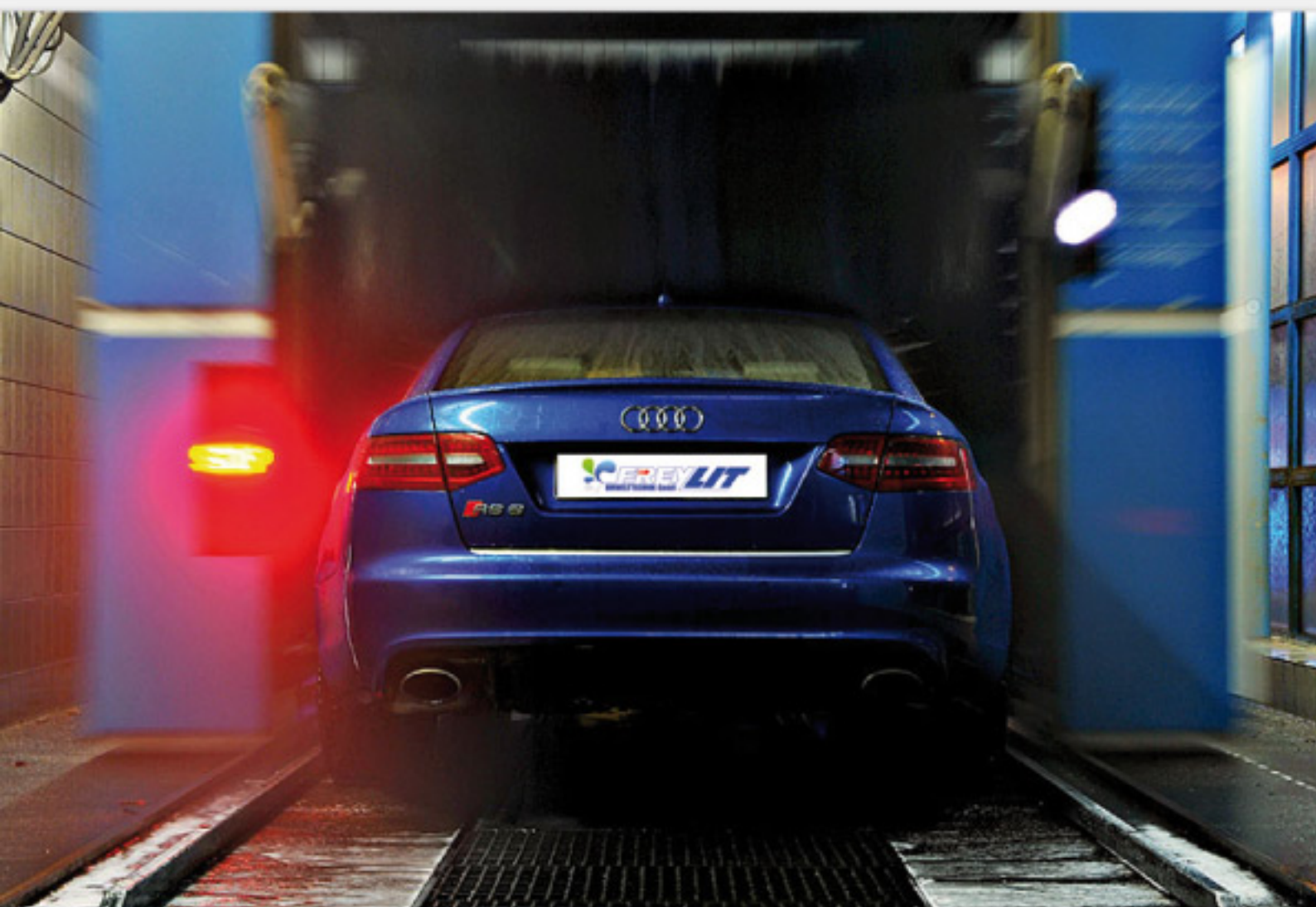
\* CHVTP 400 \*



\* CHV 600 \*



WASH WATER  
RECYCLING SYSTEM for  
GOLF-CARTS



**The most efficient**  
water treatment systems



# OIL WATER SEPARATOR



**MOBILE OIL SPILL REMEDY**



**OIL SEPARATOR according to EN858**



**OIL SEPARATOR FOR TRAFFIC AREAS**



**MOBILE OIL SEPARATOR**

- EXPORTS TO OVER 34 COUNTRIES
- 90% OF ALL OIL SEPARATORS IN AUSTRIA ARE SUPPLIED BY FREYLIT
- OVER 800 OIL SPILL ACCIDENTS WERE REMEDIED BY USING FREYLIT OIL SEPARATORS
- FREYLIT INDUSTRIAL OIL SEPARATORS WITH FLOW RATES FROM 60L/MIN UNTIL 120,000L/MIN
- FREYLIT SPECIALLY DESIGNED COALESCENT PLATES MADE OF PP OR POM GUARANTEE EFFLUENT OIL CONTENT BELOW 5PPM
- FREYLIT OIL SEPARATORS PERFORM ACCORDING TO ALL INTERNATIONAL GUIDELINES AND EUROPEAN STANDARDS (EN858)
- FREYLIT OIL SEPARATORS ARE INSTALLED INTO CONCRETE, STEEL OR POLYPROPYLENE TANKS
- FREYLIT ALSO SUPPLIES INTERNALS INSTALLATION KITS FOR INSTALLING INTO EXISTING TANKS OR ONSITE BUILT PITS, INCLUDING CERTIFICATION AND INSTALLATION & OPERATION MANUALS
- FREYLIT COALESCENT PLATES HAVE A MINIMUM LIFETIME OF 20 YEARS

**FREYLIT**  
Environmental technology USA Inc.

**OSL**  
OSLO AIRPORT

**OIL SEPARATOR FOR REFUELING AREAS OF AIRCRAFTS**



# INDUSTRIAL OIL SEPARATORS



The most efficient  
water treatment systems



CHINA: DALIAN REFINERY



PAKISTAN: MANZALAI MOL



SHANGHAI: BAO STEEL CORP.



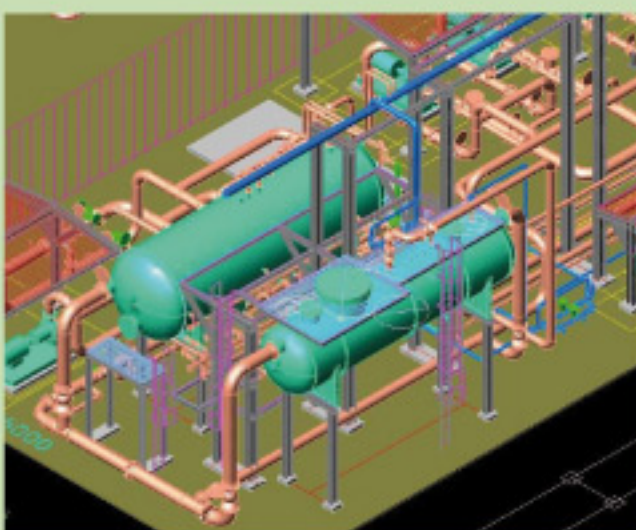
NORWAY: AIRPORT GARDAMOEN



IRAQ: POWER PLANT



BOXBERG : POWER PLANT VATTENFALL



LIBYEN: EL FEEL OIL FIELD ( ENI-AGIP )



FREYLIT designs and produces a wide range and sizes of **OIL SEPARATORS** for oil & gas corporations, engineering companies, and industrial clients who use FREYLIT coalescent plate oil separators for the treatment of **oily process waters at oil & gas fields, refineries, steel plants, power stations, marine oil terminals, etc.** FREYLIT supplied to projects in Europe, Asia, America and the Middle East.

FREYLIT's secret of success worldwide is based on the innovative design, quality manufacturing and flexible responsiveness to customer needs, to provide the most efficient solution for the removal of oil from industrial waste waters at the lowest possible cost.

The flow rates of FREYLIT industrial oil separators range from 3,6 m<sup>3</sup>/hour up to 7.200 m<sup>3</sup>/hr. At the heart of our oil separators are the polypropylene coalescent plates developed by FREYLIT, which reduce the effluent oil content down to the desired levels. The separators are made of durable materials to ensure high quality performance over a very long lifetime.

For large projects FREYLIT supplies industrial oil separators in steel, polypropylene or stainless steel tanks. Alternatively we supply only 'oil separator internals', and clients obtain the corresponding tanks locally, build them on site, or install the separator into an existing pit. FREYLIT also provides engineering plans and easy installation and operation manuals.



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