# TANK, OIL & FUEL CLEANING SERVICES





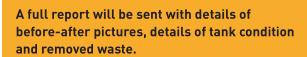
# TANK CLEANING

Our company offer high quality tank cleaning services including vacuum / high pressure combi cleaning. Very "clean" procedures are a must together with safety and environmental regulations.



# **SERVICES WE OFFER**

- ▶ Fuel Tank Cleaning
- ► F/W Tank cleaning
- ▶ Black & Grey water tanks + pump out
- ▶ Waste Oil Tanks
- ► Marpol & waste disposal certificates
- ► Gas Free certification
- Monitoring combustion gases concentration
   & oxygen levels inside tanks
- ► Confined Space tank cleaning trained
- ► In-tank inspection: remote inspection of internal tank areas, bottom corrosion, suction lines...
- ► Tank gasketing fabrication: Special fuel quality gasketing fabrication for inspection hatches & manholes.
- ► Special bio-descaling service for vacuum waste pipes, g/w drains and seawater growth
- ► Special working area & hoses protection: maximum protection care first







# FUEL CARE

We are highly specialized in the treatment, conditioning and purification of fuel in the super yacht sector applications. Our extensive experience enables us to offer advanced solutions adjusted to the customer requirements in all areas related with the fluid cleanliness.

# **FUEL POLISHING TO ENGINE SPEC's**

CONTAMINATION CONTROL CONSULTANCY

FUEL TESTING - QUALITY CONTROL

**ULTRA-CLEAN FILTRATION CONSULTANCY** 

**CENTRIFUGE FILTRATION RETROFIT** 

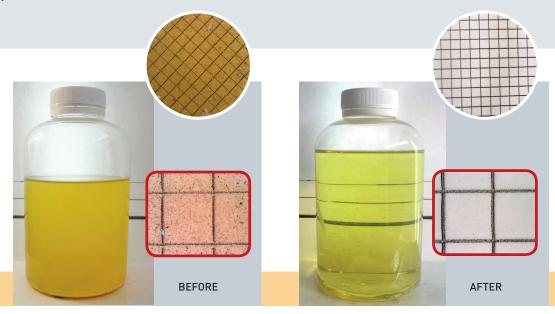
PREVENTIVE MAINTENANCE SERVICE

ON BOARD SAMPLING





# MEETING ISO 4406 ENGINE INJECTION FUEL CLEANLINESS?



**FUEL QUALITY PROCESS** 

# **HYDRAULIC OIL CARE**

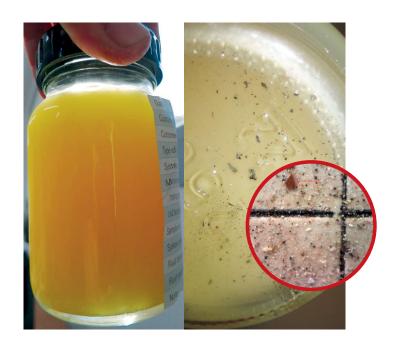
#### HYDRAULIC OIL CONTAMINATION CONTROL

Superyacht hydraulics are a vital and fundemental part of the operation of the yacht, the only reliable way to move heavy items on board, with an industry that design, install and supply state of the art hydraulic systems...

Oil Contamination problems are known to cause most Hydraulic failures (sometimes considered as normal yacht maintenance repairs). 80% of failures or malfunctions are due to contamination...

Most yacht power pack's, systems and hydraulic components manufacturers specify a target ISO cleanliness level.

The proper cleanliness and humidity removal targets and contamination control procedures will allow the yacht to finally meet those targets, greatly reducing maintenance costs, premature wear and hydraulic failures.



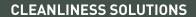
# **SERVICES WE OFFER**

EMERGENCY WATER & PARTICLE CONTAMINATION REMOVAL

HYDRAULIC OIL CLEANING SYSTEMS DESIGN AND INSTALLATION

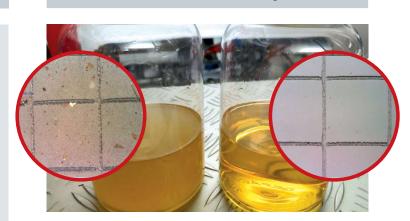
AIR VENT DRYER DESIGN -MOISTURE FREE -

OIL DIALYSIS WITH FULL HYDRAULIC SYSTEM OPERATION



- Check if your hydraulic system is under contamination control with running conditions
- ► Check If your system is running bellow/ above your equipment limits levels?
- ▶ Why clear- bright samples are not good enough
- ► Set your component cleanliness targets and take actions to achieve targets





Keep OIL & Hydraulic SYSTEM Clean

→ remove solids and moisture

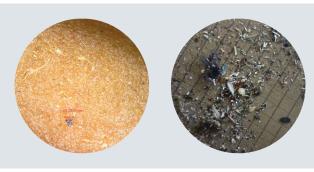
Particulate - Water - Air contamination

→ the forgotten maintenance

# **LABORATORY**

# We are not a commercial Lab - only your personal assistance Laboratory.

To take care of these needs Marine Oil & Fuel Care has his own Laboratory equipped with the suitable technology and personnel to analyze hydraulic and engine lubricating oil, diesel, coolants and potable water.





#### **FUEL ANALYSIS**

AUTO, MARINE GAS OIL MGO

**DISTILLATE MARINE** 

**GASOLINE** 

**CONTAMINATION - CLEANLINESS TEST** 

### **LUBRICATING OIL ANALYSIS**

**ENGINES** 

**GEARS** 

**COMPRESSORS** 

**GENERATORS** 

## **HYDRAULIC OIL ANALYSIS**

CONTAMINATION

ISO4406/99 CLEANLINESS CONDITION

**ADDITIVES & WEAR METALS** 

WATER-EMULSION

#### **COOLANT ANALYSIS**

CONVENTIONAL COOLANT / HEAVY DUTY COOLANT

**EXTENDED LIFE COOLANT** 

#### **WATER ANALYSIS**

FRESH POTABLE WATER (R.D. 140/2003)

LEGIONELLA ANALYSIS (R.D. 865/2003)

WASTER WATER (MEPC 159.(55) and MEPC.227(64))

ON BOARD SAMPLING SERVICE

# **PROFESSIONAL**

# **SUPPLIES**

INDUSTRIAL & MARINE FILTRATION SPECIALIST

LUBE & HYDRAULIC BULK OIL SUPPLY

FUEL & HYDRAULIC OIL PURIFIERS-SEPARATORS

TURBINE & HYDRAULIC SUPPLY & SERVICE

TANK AIR VENT DRYERS

**FUEL DISPENSERS** 

**CENTRIFUGE SPARE PARTS** 

**FUEL RESISTANT HATCH GASKETS** 

**BIOCIDES & CHEMICALS** 











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