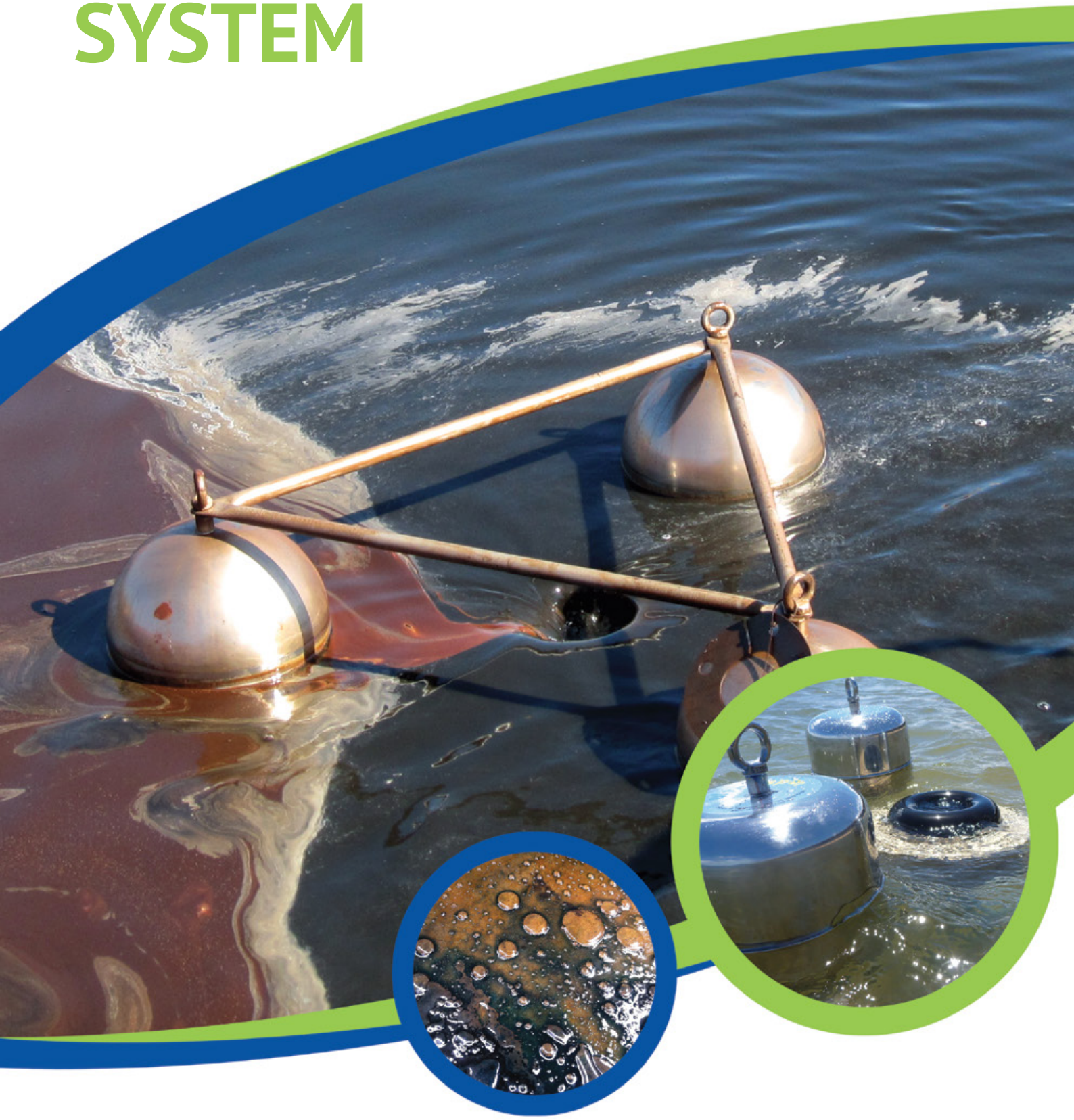
FREE OIL RECOVERY SYSTEM



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FREE OIL RECOVERY SYSTEM

The Ultraspin Free Oil Recovery System (FOR) is used for applications with gross oil loads or potential risks for oil spills, and for gross oil skimming from effluent collection pits. The main components of a FOR system are a skimmer, debris strainer, electric diaphragm pump, and a collection tank.

BENEFITS

- **Removes and collects oil spills and oil accumulation**
- **Able to handle large oil spills and high oil concentrations**
- **Minimal maintenance required**
- **Compact design**

TYPICAL APPLICATIONS

- Workshops
- Refuelling areas
- Lube bays
- Fuel storage
- Vehicle wash stations
- Anywhere there is a risk of oil spil
- Preventing accumulation of dairy fats and oils

COMPONENTS

✓ Skimmer

- If pit accidentally floods, oil spills are minimised
- Removes oils and fats from tanks and pits
- Eliminates stagnant oil layer build ups

✓ Suction Hose

- Oil resistant wire reinforced suction hose
- Stainless steel male/female camlock connections
- Spiral wound oil-resistant fabric cover with 316 Stainless Steel fittings

✓ Oil Storage and Decant Tank

- Concentrates and collects oil
- Automatically drains excess water back to the effluent pit

✓ Debris Strainer

- Removes rubbish larger than 9mm eg. Ear plugs, gloves, etc.
- Reduces system blockages
- Protects pump

✓ Electric Pump

- Self-priming
- Low maintenance

OPTIONAL FEATURES

✓ DP Gauge

- Indicates pressure difference between the suction side and discharge side of the strainer
- Gives an indication of when the strainer basket is full

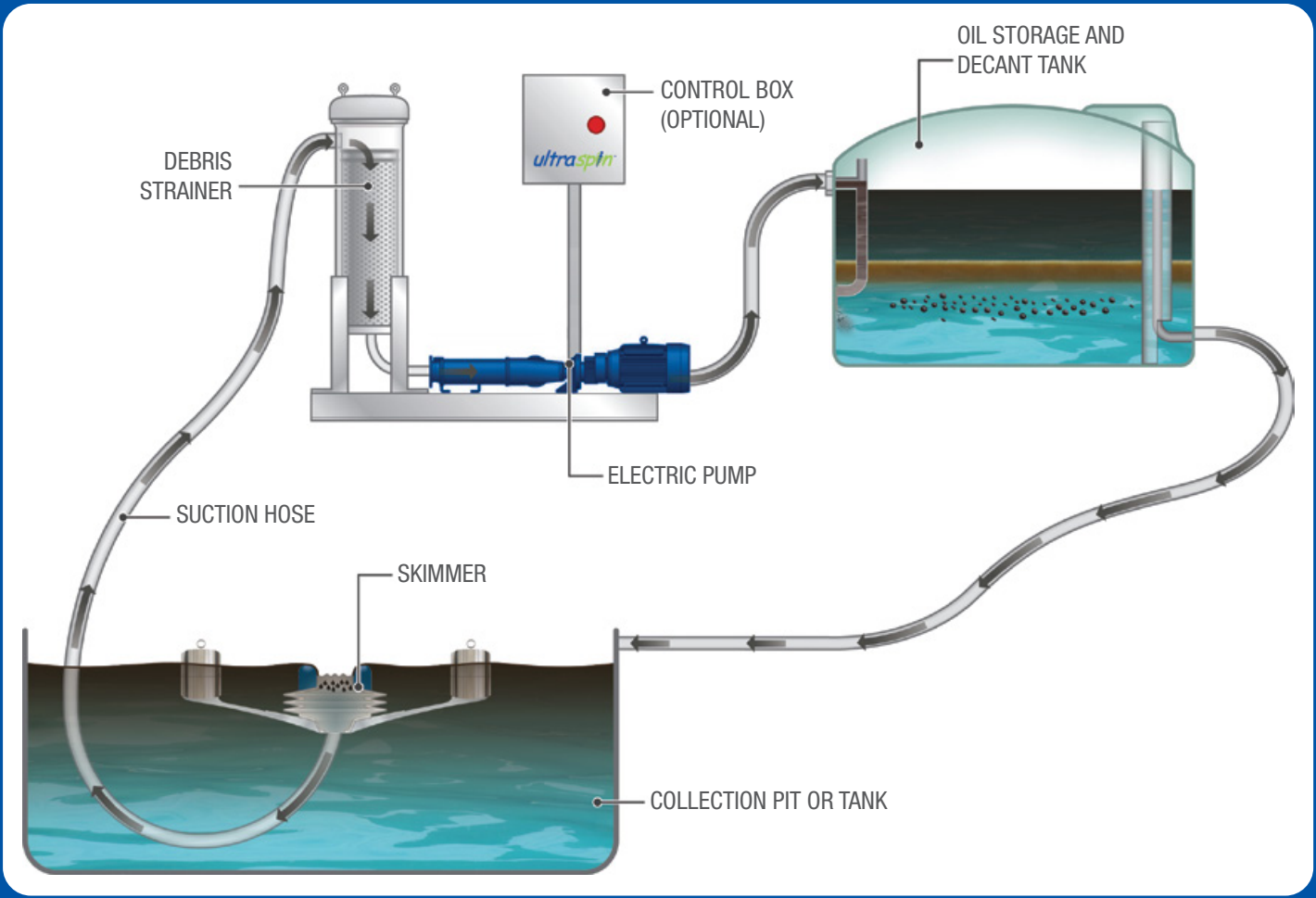
✓ Electric Control Panel

- Ultraspin standard or client specification available

✓ Pump Motor

- Ultraspin standard is provided with system
- Alternative client specified motor can be supplied
  - o Customer specific IP rating
  - o Customer specific painting

HOW IT WORKS



FACTORY ACCEPTANCE TEST

All Ultraspin's FOR systems undergo a Factory Acceptance Test (FAT) before they are sent to our customers.

The FAT involves rigorous testing of the equipment which includes:

- QA/QC inspection
- Drawing checks
- Pressure checks
- Flow checks
- Hydrotesting

This allows us to ensure that all our systems are operating at the highest quality and capacity before reaching you. Making sure that all our customers are receiving the best oily water treatment solution for their problem.

Want to see your system in action? We also offer witnessed FATs where you can watch our engineers undertake the testing process. This gives you piece of mind as you can see the system up and running before it is sent to site.

FOR SYSTEMS IN ACTION

For more information on how our Free Oil Recovery System works, contact Ultraspin

Looking for a solution to your oily water problem?

Get in touch with the friendly team at Ultraspin!

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