

company  
**profile**



Maximizing Asset Life Through Technology

# Reducing your Operating Costs & Maximizing Asset Life

We are on a journey to deliver value to our customers by maximizing the life of their rotating equipment assets (not only of their fluids) through our **Fill4Life™** program. This program not only extends the life of their capital equipment and their fluids but also aims to support our customers' quality and maintenance programs by minimizing their overall costs and waste. The program leverages the entire Fluotec product and service portfolio.

## Fill4Life™

OIL & GAS



CHEMICAL



INDUSTRIAL  
GASES



MANUFACTURING



MARINE



MINING



POWER  
GENERATION



AEROSPACE

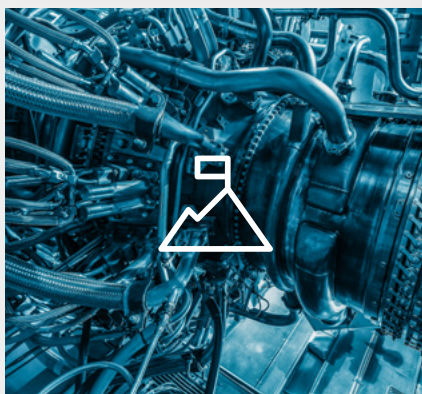


## MEASURE. CONSULT. TREAT.

### VISION

Develop revolutionary  
technologies and services

that allow our customers to  
simultaneously operate more  
sustainability and profitably.



### MISSION

Our mission is to bring solutions  
that **maximize the life and  
performance of lubricants and  
machinery** resulting in a positive  
environmental and economical  
impact.

We are a team of diverse and  
internationally recognized experts  
with a track record for delivering  
innovative solutions. Our expertise  
centers around increasing the  
reliability and profitability of  
manufacturing plants, rotating  
equipment and transportation  
industries.





# Helping your Goals in Sustaining a Positive Environmental Impact

It's no doubt that you would chose to do business with companies that provide reliable, valuable and cost effective products and services. In addition to providing effective and premium technologies, **Fluitec also delivers a massive positive Environmental impact to your organization.** Beyond the financial savings and simply by doing business with Fluitec your organization will realize a reduction of Green House Gas (GHG) emissions. Inherent in our technologies to provide you with a Fill4Life system, we've calculated a reduction of 2400lbs of GHG for every gallon of Boost you purchase. This coupled with our

ESP contamination control technology even further extends the life of your fluid exponentially reducing your GHG.



Two of our products, **Boost AO™** and **Infinity TO™** I have been awarded the **"1000 Solutions**

**Challenge"** by Solar Impulse. In this program, the 'solutions' or products, submitted by companies must meet the foundation's rigorous mission criteria of profitability, market usage and positive ecological impact.



# MEASURE



## mpc™

The Membrane Patch Colorimetry (**MPC**) test is a quick, cost-effective way of assessing your oil's varnish potential.

The MPC Color instrument allows real time on-site determination of the condition of your lubricant. Data results are captured and stored in text and audio captions for quick analysis. The MPC Color packs tremendous science into a convenient and extremely accurate package.

ASTM STANDARDS  
D7843

## ruler view™

**RulerView™** provides critical information on the health of your lubricant. Discover oxidation earlier than with any other technologies.

ASTM STANDARDS  
D7590, D6971, D6810 and D7527

INDUSTRY GUIDELINES  
DASTM4378, D6244 and DIN-VGB  
M416





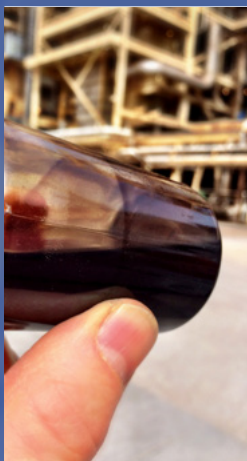
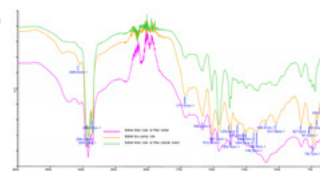
# CONSULT

## CONSULTING & PROBLEM SOLVING

Putting together root cause analysis, specialized testing along with Fluitec's deep technical knowledge of how fluids fail and the impact on operation, our consultative services are extremely valuable to Plant Managers and Reliability Engineers at all levels and industries.

## SPECIALIZED TESTING

- Deposit Characterization and Analysis
- Detailed new and in-service lubricant analysis using specialized tools such as NMR and GPC.
- Oil Performance Prediction tests designed to compare new formulations as they undergo thermal stress



## ROOT CAUSE ANALYSIS

When a fluid is failing prematurely or not providing expected performance, Fluitec's consultants are brought in for detailed investigation.

## FLUID LEARNING

Our Fluid Learning program provides the most advanced and accurate knowledge available to assist plants through these changing times.



## RULER TRAINING ruler view™

- Background of RULER
- How the technology works
- What you can do with RULER
- Set up
- Sample preparation
- Running standards
- Running in-service fluid
- Analysis
- Interpreting result
- Creating Reports
- Software RDMS installation, application and usage.



## MPC TRAINING mpc™

Understanding how to prepare and run the MPC is only half the battle...interpreting the results and what action to take makes the investment in this equipment that much more valuable.



# TREAT

## Contamination Control

Fluitec's Contamination Control portfolio covers a number of critical contamination issues including oil degradation products, varnish, water, acidity, chemical (alcohols), particulates. Our technologies are recommended by major OEMs, such as Siemens.

### vita esp™

**ESP Electrophysical Separation Process** is a patent-pending lubricant varnish and deposit mitigation technology using chemical filtration.

### endure ix™

Removes all fluid degradation products from phosphate ester and EHC fluids such as acids, gels and varnish.

### spark free™

Prevents Electrostatic Spark Discharge in your oil and filters

### stealth ehc™

Removes moisture from phosphate ester fluids and prevents further contamination.



Endure IX



*Reliable operation of our turbines and compressors is of critical importance to Siemens. Providing our customers with Fluitec's ESP technology allows them to extend the life of their lubricant assets while improving plant efficiencies and uptime.*

**Siemens AG Energy Section**



Vita ESP III



Vita ESP II

# Fluid Enhancement

We make your oils operate at peak levels, for as long as possible. Our **Boost™** line and **DECON™** products are a critical step in this mission. We've created proprietary technology that can replace depleted additive systems in oil.

## decon™

With **Solvancer** patented technology, **DECON** both Decontaminates your system and provides Deposit Control to prevent any further deposits

## decon ao™

**DECON AO™** contains proprietary technologies that can both replace depleted antioxidants in oil and eliminate deposits and varnish from the system transforming your lubes into **Fill4Life™** fluids.

## decon aw™

**DECON AW™** is formulated to help facilities reduce unnecessary oil waste. As it extends the life of your hydraulic oil, you maximize your hydraulic fluids, cut costs, and reduce their environmental impact.

## boost vr+™

**Boost VR+™** (Varnish Removal) with **Solvancer™** patented technology is a safer and less expensive way of removing varnish and deposits from your lube system.

# Infinity Fluids

Never change your oil again with Fluitec's Infinity Fluids. After being beaten up far beyond industry standards, you're left with a pure product whose formula chemically controls by-products to keep you up and running, save you an abundance of money over the lifetime of the machine, and have an incredibly positive impact on the environment.

## infinity to 32/46™

With **Solvancer™** patented technology, never change your oil again, the first turbine oil with a 10 year guarantee, varnish free, no deposit.

## infinity ct 220™

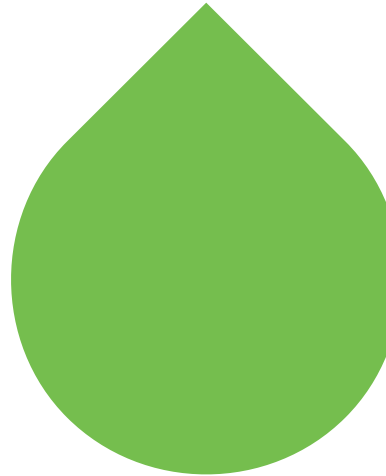
This **Fill4Life** cooling tower gear oil uses technology that allows additives to be replenished while in-service resulting in dramatically longer service life.

## infinity breeze 320™

**Infinity Breeze 320™** is designed for the heavy duty gear environment of wind turbine main gears as well as oil lubricated rolling bearings that exceeds the minimum requirements of DIN 51517-3 for CLP gear oils.







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USA



NETHERLANDS



SINGAPORE



AUSTRALIA



Certified



Corporation

This company meets the highest standards of social and environmental impact