



MAXIMIZING ASSET LIFE THROUGH TECHNOLOGY

Helping you Control Costs: Maximizing Asset Life

We're 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 Fill-for-Life 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 Fluitec product and service portfolio



OIL AND GAS



CHEMICAL



MANUFACTURING



INDUSTRIAL
GASES



POWER
GENERATION



AEROSPACE

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.





OUR CORE TECHNOLOGIES

Fluitec provides leading edge technologies and expertise to maximize asset life by improving lubricant performance and plant reliability. Here are three core technologies in the fields of Condition Monitoring, Contamination Control, Fluid Enhancement and Infinity Fluids.

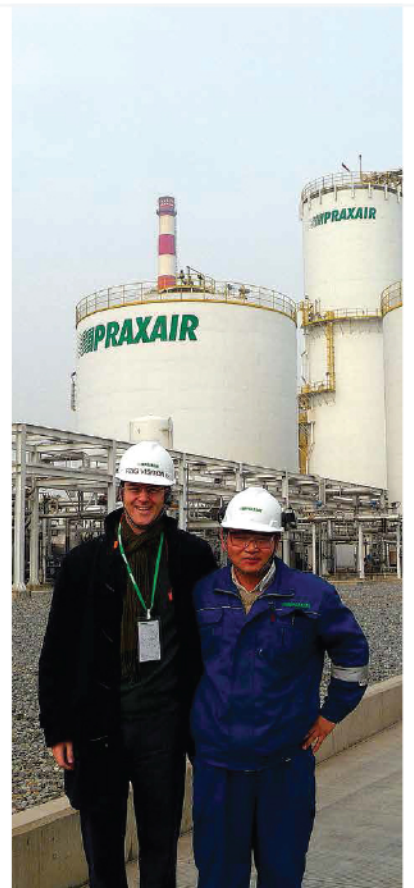
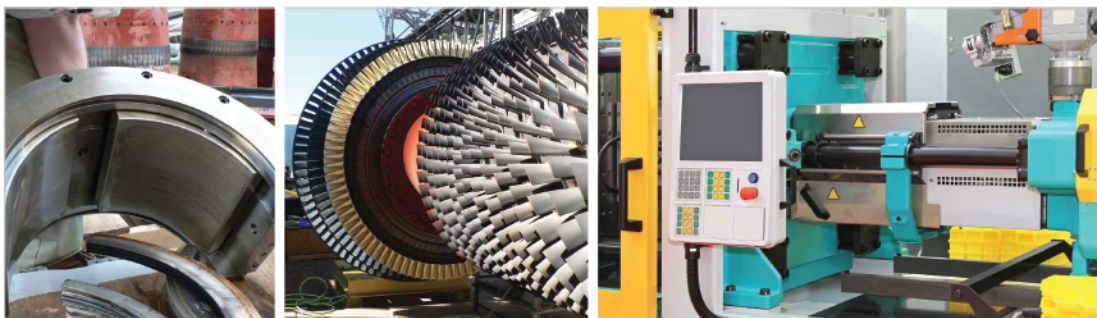


Fluitec's flagship product is the RULER™, a patented technology to determine the remaining useful life of lubricants. Fluitec has developed the industry's leading, patent-pending lubricant varnish and deposit mitigation technology called Electrophysical Separation Process™ (ESP). Fluitec has also developed Boost, proprietary, customized blends that use chemistry to improve the performance and increase the life of in-service lubricant. In addition, Fluitec has developed the first ever turbine and compressor oil with a 10 year performance guarantee, Infinity TO 36/42.

Our Team of Experts

The foundation of Fluitec's success lies in their biggest asset—their people.

Fluitec is proud to have a team of internationally recognized experts on staff. Over the two past decades, the company has attracted an enviable team of specialists, who hold high-profile roles in industry organizations around the globe. With over one hundred published papers and highly-refined skill sets, each team member brings their individual passion and leadership to Fluitec's customers. Our diverse talent pool, strategically located around the world, benefits our clients from Fluitec's depth of knowledge and expertise.



CONDITION MONITORING

All oils eventually fail due to oxidation. In many applications such as turbines, hydraulics, compressors and aerospace, oxidation is the primary mode of failure.

Fluitec has developed industry leading test methods that are critical for monitoring the health of your fluid. These Fluitec test methods are ASTM approved and coupled with other routine tests allow you to monitor your fluids.

Our tests help optimize the usage of Fluitec's Contamination Control and Fluid Enhancement technologies to maintain a **Fill-for-Life** program.



RULER

Remaining Useful Life (RUL)-Measures the remaining active antioxidants in lubricants.

MPC

Membrane Patch Colorimetry – Measures the Varnish Potential of oil



CONTAMINATION CONTROL



Fluitec's contamination control portfolio covers a number of critical contamination issues encompassing oil degradation products, varnish, water, acidity, dissolved metals, and particulates. Our technologies are recommended by major OEMs, such as Siemens.

ESP

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

VITA ESP

Latin for "Life", VITA uses our ESP ENDURE and Depth media technology to bring life back to your oils and phosphate ester hydraulic fluids

ENDURE IX

Removes all phosphate ester fluid degradation products, such as acids, gels and varnish

SPARK FREE

Prevents Electrostatic Spark Discharge in your oil and filters

STEALTH™ EHC

Prevents contamination ingress and removes moisture

VITA VOLT™

Cleans both Phosphate Esters and oils. Removes varnish and soot particles from micro-dieseling



VITA VOLT



VITA ESP III



VITA ESP II

“ The 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

FLUID ENHANCEMENT



We make your oils operate at peak levels, for as long as possible. Perhaps even for the life of your plant. Our Boost line and Breeze product are a critical step in this mission. We've created proprietary technology that can replace depleted additive systems in oil - replenishing bad chemistry with good chemistry.

Boost AO

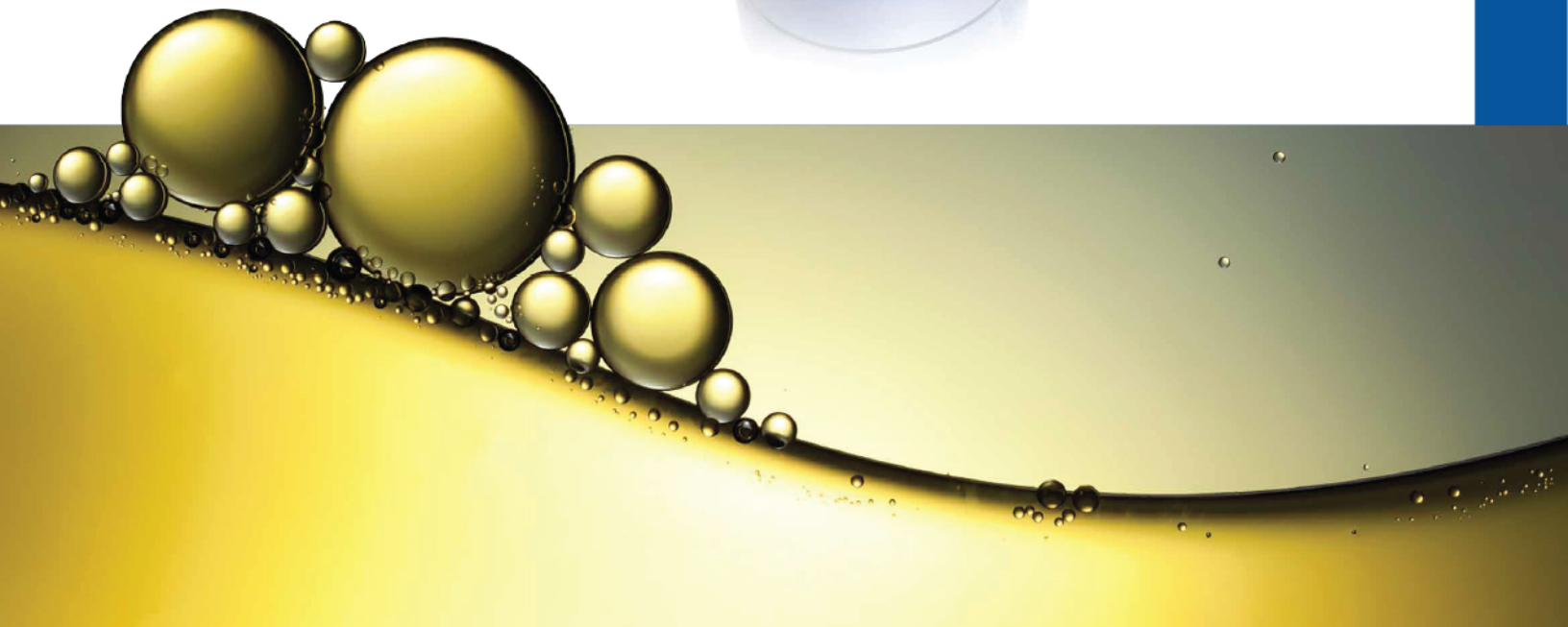
Range of customized chemistries to extend oil life through antioxidant replenishment

Boost VR

Risk-free way of removing varnish deposits from your system.

Boost AW

Upgrades hydraulic oil formulations to a premium antiwear and antioxidant system.



INFINITY FLUIDS



A primary failure mode of industrial oils is oxidation. Lubricating systems are running hotter and fluids today are exposed to extreme thermal stresses. Fluitec has developed next-generation industrial oils based on a superior platform and formulated with state-of-the-art additive components

INFINITY TO 32/46

The last turbine oil you'll ever need

- Performance guarantee ensuring the MPC value stays in the normal range (maximum MPC of 20) for ten years.
- No varnish mitigation equipment required.
- No more performance issues on turbine bearings, servo valves, gears, hydrogen seals, heat exchangers, etc.
- Only Turbine Oil with a **10 Year Guarantee**
- Approved by SIEMENS, GE, Alstom Solar and more...



INFINITY CT220

A Fill-For-Life Cooling Tower Gear Oil

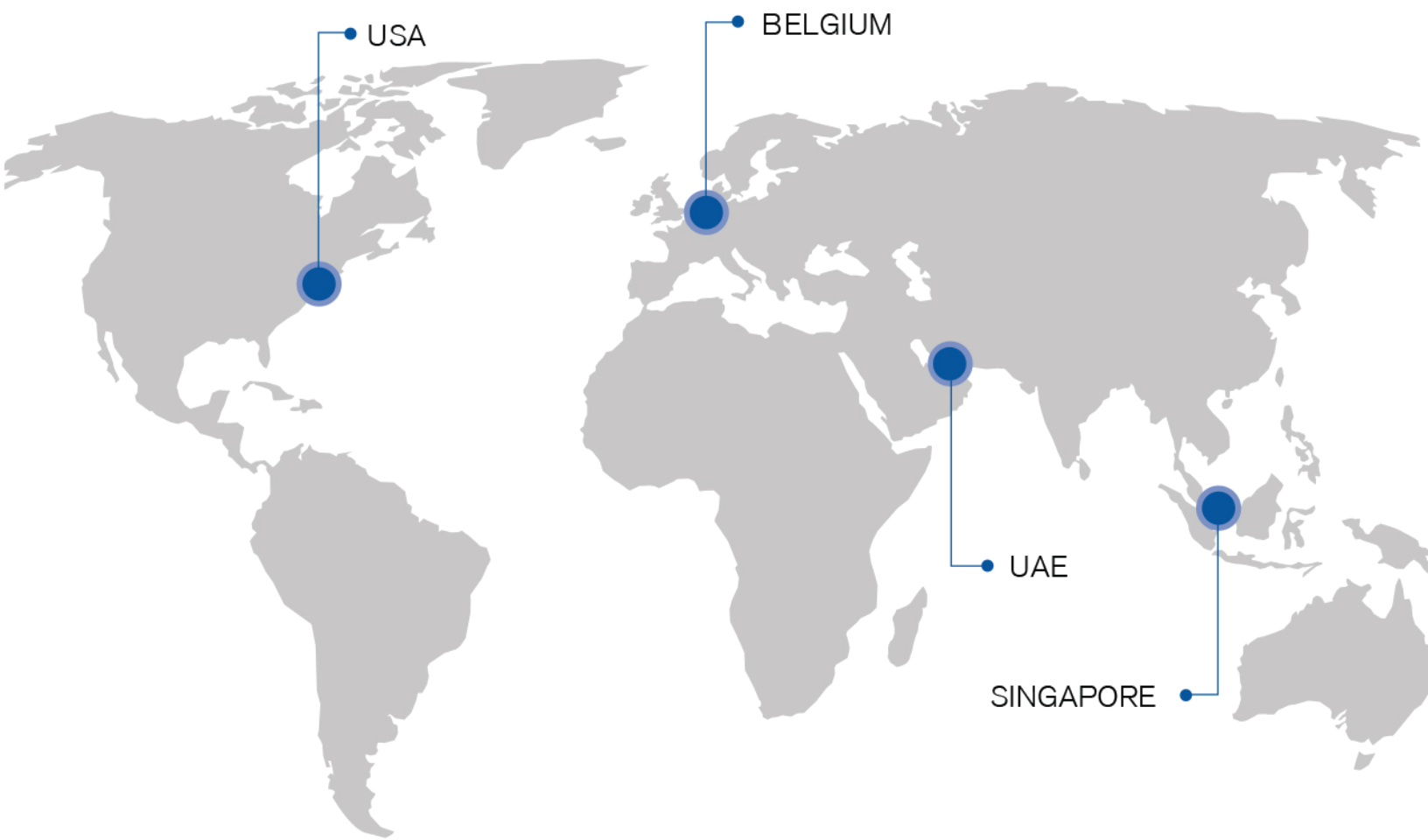
- Versatile synthetic lubricant that allows for cool, clean performance.
- Outstanding oxidative stability for even the most demanding applications.
- Enhanced deposit control to prevent sludge and varnish deposits

BREEZE 320

Fill-for-Life wind turbine gear oil

- Advanced synthetic formulation provides benefits over typical PAO or mineral-based gear oils.
- Meets major OEM gearbox approvals.
- Compatible with existing gear oils.
- High resistance to micro-pitting





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