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PRESS ANNOUNCEMENT

Optimum Flow Meter Accuracy Critical to Biofuel Production

As the UK hosts the UN Conference on Climate Change, **Titan Enterprises** determines it a fitting time to report on the success of its long-term OEM customer, **Green Fuels Limited**.

With **decarbonisation, circular economy** and **sustainability** hitting the top of the agenda around the world, Green Fuels advances biofuel technologies and joint ventures to achieve its contribution to the global net zero target.

For over 13 years, Titan's **Oval Gear (OG) flow meters** have been an intrinsic component within Green Fuels' biodiesel plants converting bio waste into sustainable biofuels. Green Fuels' award-winning research and pioneering process plants have powered buildings with sustainable fuel from used cooking oil, and most recently developed a process to convert fish oil and sewage sludge to biofuel.

Jason Askey-Wood, Green Fuels' UK Managing Director, commented: "Accuracy of measurement in our chemical processes is critical and Titan's range of oval gear flowmeters provide just that. Simple, accurate and chemically resistant, Titan's OG flow meters, with the addition of the Namur switch, were the ideal solution for precise batch dosing within a potentially hazardous environment."

Titan's OG Series flow meters

are designed to give reliable, high performance across a wide range of applications. Almost immune from the effects of varying liquid viscosity, density and temperature, the measurement performance of oval gear flowmeters improves as liquid viscosity increases.

Titan offers intrinsically

safe options for its Oval Gear measurement devices to ensure safe operation in potentially explosive atmospheres, such as those encountered in the chemical, biofuel and petrochemical industry. As well as being constructed from durable materials including Stainless Steel, Hastelloy and PEEK, a fully certified NAMUR Proximity Switch can be installed into the Oval Gear flow meters. The NAMUR Proximity Switch is an intrinsically safe sensor specially designed for use in hazardous locations, enabling the OG series flow meters to deliver highly accurate flow measurement in explosive atmospheres.

Jeremy Thorne,

Titan Enterprises' Operations Manager said: "Titan is privileged to play a cameo role in the technological advancements that Green Fuels is achieving within the sustainable fuels market. The OG flow measurement devices are ideal for use with aggressive chemicals, combining durable materials, robust design and proven technology to ensure they will have a long product life with reliable, accurate operation throughout."

Jason adds:

"It's an exciting time for Green Fuels with carbon reduction and climate change at the top of the worlds' agenda. We have seen a shift in our business in developing joint ventures with both advanced economies such as Oman and developing countries, working together to find sustainable fuel solutions for the Transport and Energy sectors as they look to decarbonise and reduce harmful emissions."

For further information on Titan's oval gear flowmeters please visit

<https://flowmeters.co.uk/oval-gear-swept-volume-positive-displacement-flow-meters-overview/>. To discuss an optimised flow measurement device for your OEM

application please contact Titan Enterprises on +44 (0)1935 812790 or email sales@flowmeters.co.uk.

For information about Green Fuels visit www.greenfuels.co.uk.

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Drawing upon over 40-years of flowmeter innovation - **Titan Enterprises Ltd** is a leading manufacturer of high-performance flow measurement solutions, including the Atrato® & Metraflow® ultrasonic flowmeters, Oval Gear flowmeters, low flow Turbine flow meters and a flow instrument range. Titan's company philosophy of "pushing the envelope by trying to do things a little different and better" has resulted in sales of over 2 million flowmeters and components into 50 countries worldwide and a repeat purchase percentage of 95%. All flowmeters produced by Titan Enterprises are designed and manufactured to ISO 9001 and calibrated to an uncertainty of $\pm 0.25\%$.

Green Fuels

is a pioneer in renewable fuels. Founded in 2003, the company has supplied biofuel equipment to customers in more than 80 countries and was awarded a Royal Warrant of Appointment to HRH the Prince of Wales in 2013. Green Fuels has participated in many pioneering events in its field including the first 100% biofuel-powered jet flight and the first 100% biofuel-powered train.

Identifying aviation and marine as strategic fuel markets of the future, Green Fuels Research was established in 2014 to develop IP in these areas. The group has attracted \$16m in direct and indirect research grant funding to date, with R&D facilities in Berkeley, Gloucestershire.

The company

is in the course of a strategic transformation to global sustainable fuel producer in the pivotal sectors of sustainable aviation and marine fuels and in high-growth emerging markets for sustainable road fuel. Over the next 5 years, the Green Fuels group intends to establish or participate in fuel production operations in key markets worldwide, building on the company's deep experience in renewable fuel tech, especially in decentralised refining, and on its IP in sustainable aviation and marine fuels.

Green Fuels Ltd.

is headquartered in Gloucestershire, UK, with offices in London, Muscat, Mumbai and Rio de Janeiro.

Illustrative image (available on request)



Caption: Titan's Oval Gear flow meters are integral components within Green Fuel's biodiesel plants