

# Tanktimes

A quarterly newsletter from Oil Tank Supplies Ltd.



## DEBUT FOR OTS BIO-TANK

**Vehicles fuelling at Langdons Industries new depot facilities at Redditch have an additional line of defence to ensure that the quality of the diesel stock remains in pristine condition - 'as delivered from the refinery'. For this fuelling point is based on an OTS BioTank, a new type of storage tank with self-cleansing technology, which has been developed by Oil Tank Supplies of Moreton in Marsh, Gloucestershire.**

Langdons Industries (now part of the international Nagel group), specialises in the distribution of chilled and frozen produce. The £10 million investment at Redditch will provide the hub services for north/south traffic. The operation forms an integral part of a national network incorporating twelve regional depots as well as a number of partners, to support Langdons' 24 hour Chillnet service, which covers most of the UK and Ireland.

"Transportation is provided by a company fleet of 225 articulated units equipped with

dual temperature trailers," explains Consultant and Project Manager, Wilfred Dickinson.

"These vehicles are operating more or less around the clock, trunking between depots and delivering to key accounts – such as RDCs for a national cash and carry outlet and several supermarket chains. Reliability and fuel economy are crucial. We cannot tolerate any compromise to vehicle performance, caused by dirty fuel."

### **The challenge**

Depending on storage conditions, diesel fuel is prone to fungal growth – an infestation which, if left untreated, can lead to clogged filters and potential service issues which could then impact on fleet productivity.

This potential risk has been exacerbated by the increasing proportion of biodiesel entering the supply chain. Despite its 'green' credentials, biodiesel contains a higher amount of suspended water, a property which nourishes microbial growth during storage.

### **The solution**

The OTS BioTank is designed to inhibit any potential microbial infestation. The conditioning system comprises a control unit, pump and pipework to re-circulate the tank contents periodically through a series of filtration stages. These include dewatering and an Ultra Violet treatment to kill bacteria.

Wilfred Dickinson continues: "OTS has given us good service, their technical expertise is good and the quality of work is excellent. Another import factor as far as this installation was concerned, is that the OTS headquarters is reasonably close. If we have any technical snags they are dealt with very quickly and of course, we are happy to cooperate with development work if this will help us to improve Langdons' operational facilities."

The new BioTank is a multi product storage tank with capacity for 55K litres of white (road) diesel and 45K of red diesel for the trailer refrigeration packs. There is also provision for 5k litres of Adblue.

# Working with DP Fuel Tank Services to cover tank cleaning services

Under a strategic alliance between OTS TankCare and DP Fuel Tank Services, the two companies will share expertise and resources, to provide a total capability for the support of fuel oil storage facilities and forecourts.

Of particular interest will be the implementation of planned preventative maintenance to help customers reduce the risks associated with fuel contamination. This includes comprehensive measures for testing and monitoring microbial bacteria, particulates contamination and excessive water.

DP Fuel Tank Services provide tank cleaning services. OTS TankCare complements this by providing fuel testing and on-going support required to ensure that fuel storage facilities continue to deliver an optimum level of quality.

According to TankCare sales manager, Darrin Francis : “The quality of biodiesel can deteriorate very quickly because it has a higher amount of suspended water making it prone to microbial growth. The only way to counter this is to implement an active fuel hygiene strategy.

“Continuous tank cleaning and fuel ‘polishing’ procedures are not sufficient. That is just dealing with the symptoms rather than the root cause of the problem.

“We provide a more scientific approach, based on fuel quality analysis and the implementation of treatment technologies designed to inhibit the growth of contamination.”



The new agreement means the two companies will cooperate in marketing and supplying their joint services throughout the UK, while still operating as separate companies. Whichever company wins a contract will bring in the other to provide complementary services where required.

“An important benefit for our customers is that they will be dealing with a single point of contact, offering a total support capability,” says Darrin Francis.

For more information: [www.tankcare.eu.com](http://www.tankcare.eu.com) or [www.dptanks.co.uk](http://www.dptanks.co.uk)

## Rooftop solar electricity panels on factory roof



**Oil Tank Supplies is using rooftop solar panels to generate electricity for its factory work shops and offices at the Springhill Business Park, Moreton in Marsh, Gloucestershire.**

The £70,000 investment underlines the company’s commitment to helping achieve national targets for carbon emissions reduction. The 30KW Solar PV system is expected to generate 25,000 kWh per year.

“This was a significant outlay for our company,” explains OTS Chairman, Bruce Woodall. “We have signed up for the Green Energy Certification scheme which allows us to offset our energy costs against the generation of solar electricity which feeds into the national grid.”

Bruce Woodall continues: “Our business is geared to the requirements of the oil supply industry and we are all very much aware of the environmental impact of all our activities, through from exploration, to production, distribution and the storage of fuel oil.

“In the long term we are expecting a positive return by reducing our factory operating costs. But for today, the most immediate benefit is in showing our support for our customers who are also looking to reduce their carbon footprints by dealing with companies that have good practical measures in place for reducing pollution”.

### About Oil Tank Supplies Ltd.

Oil Tank Supplies Ltd. is a specialist manufacturer and supplier of new and reconditioned storage tanks and ancillary equipment for the storage of fuels, oils, Potable and non-potable water, liquid waste, chemicals and beverages.

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