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FUEL

Nano boron additive boosts economy

By Roger Brown

A TRUCK HAS recorded a significant improvement in fuel economy after using a new engine oil additive developed in Turkey.

The 12-year-old, three-axle ERF EC6, which had recently passed its annual vehicle test, had the BORPower product from NanoBoron added to it as part of a test carried out last month at the MIRA test track in Warwickshire. The test was supervised by respected transport engineer Roger Denniss.

Initially, the vehicle was inspected for defects, and a nine-tonne load secured to a flatbed.

With only regular oil in the engine, the vehicle was driven through a standard BTAC test cycle on track by a professionally qualified MIRA test driver.



The BORPower additive was then added to the engine, and the vehicle was allowed to run commercially for five days to make sure the engine components were effectively coated.

A second test, identical to the first, was then carried out. The truck posted a 10.8%

improvement in fuel economy following the addition of BORPower. Denniss says: "I have been doing testing like this for 40 years all over the world, and I've seen all sorts of claims for engine additives. It was nothing short of sensational."

BORPower can be used in all four-stroke engines whether they run on petrol, diesel or LPG. It contains the active ingredients boron diamond powder (MCDP) and nano boron. Under high pressure between two metal surfaces, the boron diamond crystals are pressed into the material to form a boron metal film.

NanoBoron, the UK distributor for BORPower, claims the product can improve power by up to 9%, lower oil temperature by up to 30%, and reduce corrosion, friction and engine wear. Further tests are also planned.

REGULATION

Isle of Man launches O-licence consultation

THE ISLE OF MAN has launched a consultation to get feedback from operators on its planned introduction of O-licences.

Transport lawyer Murray Oliver will oversee the formation of the new laws ('Isle of Man takes first step towards O-licensing', *CM* 9 October).

The ideas do not exactly mirror the O-licensing system in the UK, and the Isle of Man's Department of Transport (DoT) will run the

scheme because Vosa has no jurisdiction there.

The areas under consideration during the consultation include levels of financial standing, how to determine professional competence and repute, how to measure compliance, fees and operating centre regulation.

The rules will cover trucks above 7.5 tonnes, although the DoT will consider expanding the legislation to cover 3.5-tonne trucks at a later date.

Under the proposals, trucks visiting the island will be able to remain for four days, but will need an O-licence to stay longer.

Trailers will be given unique trailer numbers under the system, and fees are likely to be £3,100 for the first vehicle and £1,500 for each subsequent HGV.

● **To have your say in the consultation, visit: www.gov.im/highways/consultation/**



THE DRIVER of this Scania apparently walked away unhurt, and Masternaut says its telematics 'black box' continued to work, tracking the vehicle to a repair site 100 miles away.

This week, Masternaut Three X, the vehicle and asset tracking company, has launched its Safe Driver Competition, in which professional drivers can win £1,250. Drivers that enter the competition will have their vehicle tracked by Masternaut's GreenerFleet, which measures the number of breaks a driver takes, their speed and their fuel consumption.

Driver data will be extracted from GreenerFleet at the end of each quarter and examined by a panel of industry figures, including the former Chief Constable of West Yorkshire, Keith Hellawell; Simon Reynish, freight ambassador for the North-West for the DFT's Freight Best Practice Programme; Keith Robson, group director of transport services at Unipart; Rob Wright, national logistics controller at United Biscuits; and Martin Otter, director of innovation at Masternaut Three X.



Image: Rex Features