



Cox Marine's CXO300 clinch's a coveted World Record title at Coniston Speed Week.

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## Cox Marine's CXO300, achieves Marine Industry's first Diesel Outboard World\* and National Speed Record

- Single stock Cox CXO300 4.4 Litre V8 300hp outboard becomes 'the World's\* Fastest Diesel Outboard
- Cox beats its own record four times, with final top speed of 62.27mph at Coniston Speed Week.
- First official debut of HVO fuel propellant in CXO300 outboard, marks Cox's continued pursuit of environmental excellence

- **To find out more about the CXO300 visit [Pegasus.coxmarine.com](https://www.pegasus.coxmarine.com)**

**Shoreham, UK – 3 November 2022** – Participating in this year’s 50th Anniversary Speed Week, held at Coniston Water in Cumbria, Cox Marine has achieved the industry’s first ever Diesel Outboard World\* Speed Record.

The Cox Marine team and their vessel Pegasus, surpassed their own three prior speed records, recorded earlier this week, to clinch a coveted World Record title, for World’s fastest Diesel outboard\* on Thursday 3<sup>rd</sup> November achieving an average speed of 62.27mph.

Measured across a kilometre long course requiring a flying start, Pegasus, a 21ft Hallett Vector, piloted by experienced powerboat racer Adam Brown, was required to travel the course’s distances in both directions, within an hour to minimise any potential wind advantage. With official Water Speed Record timekeepers’ oversight, both time and the speed in both directions, are recorded and then averaged over the two runs constituting the final speed.

Returning to shore following the successful completion of the second run, Adam said: “While there will, of course, be faster boats out on the lake today, it’s a great honour to be able to set a new record. There may be future diesel outboard powered record attempts, but Cox Marine will always be the first. 62.27mph is a great time for a 300hp engine which is straight off the production line and not having been optimised for powerboat racing.”

It is perhaps unsurprising to report that the boat and engine behaved impeccably during the record runs. “The CXO300 simply did everything it was supposed to”, continued Adam, “It was quiet, responsive, smooth and the overall experience was not the usual noisy seat-of-the-pants drama that a modified gasoline outboard record run often provides.”

The Pegasus project was supported by a team of four Cox Marine staff during Coniston Speed Week, and lead by their Head of Research and Development, James Eatwell who said;

“For the project team of Pegasus, we set out our stall early. We wanted to demonstrate that power and performance can still be achieved without damaging our environment. It’s one of the founding principles at Cox Marine

and continues to drive our pursuit of innovation through technology today. We couldn't think of a better forum in which to emphasize this, than vying for a World Speed Record and simultaneously debuting the CXO300 use of HVO fuel."

The Pegasus team, went to great length to protect the integrity of their Record attempt, limiting modifications to only the essential foot pedal, dictated by Coniston's Race Week Regulations and a custom fabricated lift plate to allow for the low transom height of the GRP Hallet Vector.

Aside from that, alterations during the event were limited only to the use of different propellers, which ranged in size, shape and pitch angle and the propellent.

With initial runs being carried out on regular diesel, before switching over to HVO100 fuel Cox Marine's internal testing, carried out lakeside during the runs, have shown a 28% fuel saving over an equivalent 300hp gasoline engine and net CO2 emissions reductions of 92%.

Great news for existing Cox Marine customers and prospective new ones, is that the Coniston debut, will mark the company's official support of HVO fuel use in their outboards without impacting warranties, service schedules or requiring any modification to the engine.

\*Record awaiting full official ratification by Union Internationale Motornautique (UIM)

To find out more about the CXO300 visit [Pegasus.coxmarine.com](https://Pegasus.coxmarine.com)

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## **About Cox Marine**

Cox Marine is a leading British design and engineering innovator of diesel engines developed for marine applications globally.

Based on the South Coast of England, Cox Marine is backed by a solid base of private institutional investors. As a result, the company has been able to implement a long-term development programme of ground-breaking new products.

Previously led by ex-Cosworth CEO, Tim Routsis, whose background lies in engine development in global automotive, aerospace, and marine markets, the company's mission to deliver a completely new concept in diesel engines that has the potential to revolutionise the marine market is now driven by CEO Gavin Wesson.

The high-powered 300hp diesel outboard engine is an innovative product offering a new marine propulsion option and is redefining standards within the maritime industry. Delivering the same performance and packaging of a gasoline outboard but with the fuel efficiency and reliability of a diesel inboard, this purpose built outboard has begun to revolutionise the market and is now in full production at Cox Marine's headquarters in Shoreham-By-Sea

Cox is supported by a worldwide distributor network made up of 30 distributors covering 100 countries.

For further information, visit [www.coxmarine.com](http://www.coxmarine.com)