

OptiFUEL

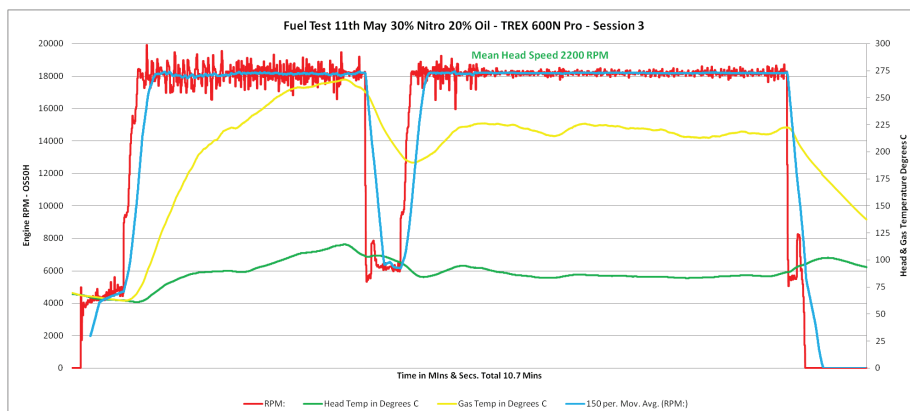
...your passion

Optifuel... a new performance fuel that takes competition seriously

Optifuel is a range of model engine high performance fuels, researched, tested, supplied and made in the United Kingdom by PMA, Process Measurement & Analysis Limited.

A product of an extensive six month development test programme conducted by PMA, during which time Optifuel was subjected to rigorous flight testing and full technical performance analysis by professional model pilot Dave Fisher, Head of Flyin' Fish Model Helicopter Flight Training. In the flight test programme the latest onboard monitoring techniques were used to log normal operational and extreme flying parameters from hard 3D to gentle flying.

In their quest to achieve the optimum blends Optifuel's Technical Team have tested various oils, different mixtures and Nitromethane content combinations. The results have produced a practical and consistent next level performance fuel tolerant of incorrect leaning, that deposits zero carbon, has low odour, and can be supplied in a range of blends called Optimix. The Optifuel Technical Team pilots have flown hundreds of test hours using a variety of model machines and engine types concluding that Optimix fuels equally satisfy sport, scale and competition pilots.



The graph example shows an engine running at a head speed of 2,000 rpm which is only for hard 3-D flyers. From the data set it is easy to see the difference between a well set-up and incorrectly leaned engine. Incorrectly set-up engines have high gas temperatures with elevated head temperatures indicates an upward temperature trend and an extremely uneven power band. We invariably recommend 20% synthetic oil with 30% Nitromethane to increase bearing life and reduce engine wear.

Optifuel is available in the following mix options:

Optimix5

Designed for engines requiring low Nitromethane content. 5% Nitromethane and 18% synthetic oil.

Optimix12

Specifically designed for training and intermediate flyers of sport aircraft and boat enthusiasts. 12% Nitromethane and 18% synthetic oil.

Optimix20

Designed for advanced flyers and sport aircraft. 20% Nitromethane and 18% synthetic oil.

Optimix30

Designed for advanced competition helicopter and aircraft flyers also suitable for model cars. 30% Nitromethane and 20% synthetic oil.

Optimix 4-Stroke 20

Especially designed for 4-stroke aircraft engines and those helicopter flyers who prefer a higher oil content. 20% Nitromethane and 20% synthetic oil.

Optifuel, available online at www.optifuel.co.uk as a next day delivery or from local model shops. There is a minimum shipping quantity of twenty litres which is one box of four 5 Litre poly-containers when purchased online. Optifuel is supplied in full 5 Litre containers not as a US gallon (3.78 Litres) which means bonus running time, the equivalent of more than a US gallon extra per box.



PMA Process Measurement & Analysis Limited are seeking suitable UK and Overseas Distributors to stock and promote a new range of branded 2-stroke & 4-stroke Nitro performance fuels Optifuel, plus a complete range of model cleaning & maintenance products Opticlean, Optishine, Optigear and Optilube.

Optifuel is supported by a technical team drawn from existing distributors, professional and test pilots, backed by sales, marketing, promotional expertise and a complete online ordering structure geared to respond to next-day deliveries nationally.

Those interested in being part of a dynamic ongoing product development opportunity should register their details by email at: sales@optifuel.co.uk or via contact page on the website www.optifuel.co.uk



Optifuel's Technical Team (from left to right), Neal Scanlan Lead Distributor, Andrew Hinton-Lever Managing Director PMA Process Measurement & Analysis Ltd, and Dave Fisher Technical Consultant & Pro Pilot.