



## **MTC ENGINEERING INTRODUCES HAYABUSA PROMOD/PRO-LITE PISTONS**

July 3, 2013

MTC Engineering has developed a new piston application for the Hayabusa Promod engine design. With the Hayabusa motors making an ever increasing presence in the Promod racing series we saw a need for a piston specifically designed for this application.



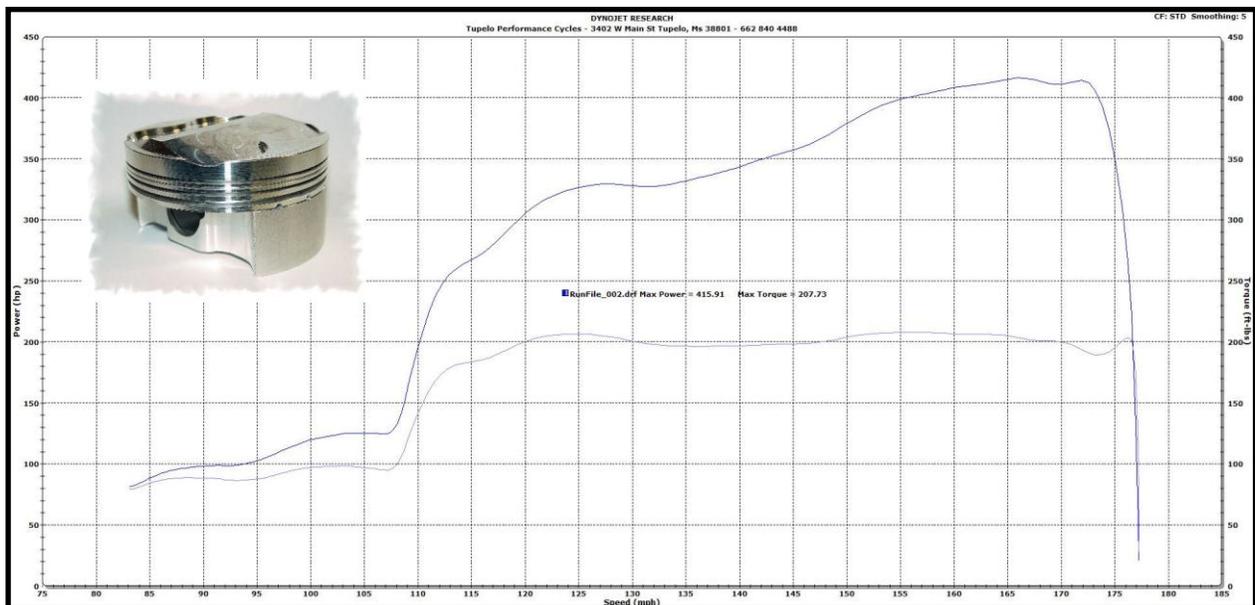
Based on the knowledge we have from our other Promod pistons we built several characteristics into the piston as well. This piston includes the best of both the Promod robustness of the top design and the light weight of the Pro-Lite design. This allows the engine to rev up quicker while still protecting against the heat and pressure of the nitrous.



#### Piston characteristics:

- Top ring groove lowered to protect groove from nitrous pressure
- Light weight (Pro-Lite) skirt design for weight reduction
- Re-enforced boss design with bottom bridge for strength
- Additional forced oiling hole to wrist pin area
- Tapered ring land area for top expansion due to excess heat
- Extra material in top thickness to allow compression ratio modifications

Chuck Wilburn from Tupelo Performance has been assisting MTC on testing and has provided us with dyno results and visual inspections of the pistons after racing passes.



MTC Engineering would like to thank Chuck and Tupelo Performance for all their assistance and feedback on developing this new product. Chuck Wilburn from Tupelo Performance has these pistons in stock and is prepared to build engines utilizing this new design. Chuck can be reached at [chuck@tupeloperformancecycles.com](mailto:chuck@tupeloperformancecycles.com) or at 662-840-4488.



MTC is preparing to go into production on this product. If you have an interest in this product, please let MTC Engineering know so that the production quantities are sufficient. Your interest is not a commitment to buy but a market test.

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