

Blue Marble Oil: Something Magical?

I was first introduced to Blue Marble oil through Jeff Waugh, the national sales director for the consumer products division of EnviroFuels, which is the Houston, Texas-based company that makes Blue Marble oil.

Waugh was persistent in his delivery of information that Blue Marble was indeed a unique oil that carried profound benefits no other oil could boast. What caught my attention more than anything was the claim that this product would increase horsepower. I don't think he knew that he was talking to someone who didn't buy into what he touted.

I've been around the snowmobile racing scene too long to know or believe that engine oils or additives could raise engine performance levels. But Waugh maintained that Blue Marble oil could not only do that, but it could reduce engine friction, increase RPM, burn cleaner and provide better engine protection all while producing less smoke and smell.

OK, great. But let's get back to the increased horsepower. That's the thing that intrigued me the most.

Throughout the years of racing and developing performance engine and exhaust systems with my brothers Steve, Chuck and Allen at Decker Racing, we have tried products that were supposed to reduce friction, but nothing that translated into more engine RPM or more power. We've tried nearly everything, and no oil has ever made more horsepower.

But we gave this stuff a whirl. We

had to know if a secret formula like this truly existed, and that's what possessed us to try it on the dyno.

The results were stunning. Incredibly, we saw an increase in horsepower at every RPM increment tested. The gain varied from 1 to 3 HP, averaging out at 2 HP per RPM graduation tested. How can this stuff do that?

Science Makes The Difference

To understand how Blue Marble has set itself apart — and why it's able to provide perform-



Blue Marble makes very boastful claims on its oil jugs. Some testimonials validate some of these claims.

ance benefits that other oils can't — is to first understand the chemistry of this oil.

You've heard the expression "oil is oil." There's actually truth to that. All oils rely on a protective barrier between the metal surfaces to provide adequate protection against component failure. Granted, some oils do this better than others. However, Blue Marble goes beyond this protective barrier by treating the metal. Blue Marble has developed an ingredient it calls EF-200 that transforms the metal surfaces of engine parts and thereby their properties and performance.

There are a number of changes that occur. As the process begins taking hold, the engine components such as the pistons, cylinder linings and bearings are made smoother. Engine components are innately rough under magnification of a microscope. The surface of these crucial components creates power-robbing "drag" that also shortens engine life.

Blue Marble says its additive smooths out much of the inherent imperfections that are present. The result is a conversion, which reduces dry-metal to dry-metal friction coefficients by 85 percent, according to a study by Cleveland State University in Cleveland, Ohio. The outcome is a striking combination of friction reduction with increased RPM and superior engine protection.

The conversion process results in an improved ability to emit radiant energy. With that comes a reduction in oxygen reactivity, which causes a more efficient combustion that further boosts performance levels and fuel mileage beyond the reduced friction improvement already established.

What's more, Blue Marble oil burns cleaner than traditional two-stroke oils so power valves, spark plugs and other areas of the engine escape the residue buildup associated with conventional oils, according to research by Dale Cutler of Cutler's Performance in Orem, Utah, and Dave Leavitt of Stealth Performance in Eagle River, Wisconsin.

Interestingly enough, Blue Marble uses a highly refined mineral oil as the base stock oil. It is

the company's patented EF-200 ingredient in combination with the mineral oil that accounts for the clean-burning attributes. Emissions are cleaner, too, as supported by an independent research study by the University of Denver Department of Chemistry and Biochemistry.

What Have Other Experts Said?

I wanted to know if others had discovered the same results, or tested the product for fuel mileage and other claimed benefits. I discovered that many reputable individuals had also tested it.



Cutler's Performance; Stealth Performance; Al Williams of Boulder Mountain Sled Shed in Revelstoke, British Columbia; and traction company Woody's had success with Blue Marble in its race sleds and test sleds. These companies had results to share. They experienced more performance, improved fuel economy, better engine protection and cleaner running.

REVER-UP is an oil supplement that contains Blue Marble's EF-200.

Wanting more feedback, I put the product into the hands of respected, industry specialists to put it through the paces and provide their expert evaluations. The test data they supplied was more of the same.

Snowmobile speed record holder Marv Jor-

genson found more horsepower on the dyno by simply running Blue Marble. Randy Sturm, an ex-Ski-Doo factory technician, innovator, master engine builder and tuner said he found a performance gain through field-testing. He was also impressed with the added engine protection that goes with it.

Leavitt swears by Blue Marble oil. He's documented better performance, protection and improved fuel mileage through testing and racing.

The testing performed by these experts was conducted on an array of engines in snowmobiles. Rev-Er-Up is an oil additive made by Blue Marble that contains EF-200. Four-stroke engines of motorcycles, outboards and pickup trucks showed improved horsepower, too, after Rev-Er-Up was added to the oil. Blue Marble will offer a four-stroke oil formulation this year in addition to its Rev-Er-Up oil supplement.

Decker Racing's research in September, 2004, showed increased horsepower on its dyno. Corrected horsepower from the 2004 800 H.O. Rotax engine we tested went from 132.7 HP at 7800 RPM to 134.3 HP at the same RPM. Similar gains were seen at all RPM; 7800 RPM is where the engine made peak horsepower.

Results Happen Quickly

Running time is required for EF-200 to get worked into the engine parts and the transformation process to happen. In both two-stroke and four-stroke snowmobile applications, benefits take effect after one to two hours of operating time and will reach peak gains after three to five hours of use. This varies from engine to engine.

The process can be accelerated by soaking the engine parts in Blue Marble as outlined and detailed in the procedure on the company's Web site, www.bluemarbleoil.com. It basically involves pouring the designated amount of Blue Marble through the spark plug holes to coat the internal parts and then allow things to sit for at least 24 hours. The engine still needs to be run for a period of time for the entire process to be complete. **SB**



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