

**The fuel catalyst test results**

*The Fitch Fuel Catalyst was tested and came through with flying colours*

When we last left Cranbrook residents Jim and Sylvia Alford, SED Technologies Inc. had given them a Fitch Fuel Catalyst to test out on their RV.

For those who didn't read the last article, the fuel catalyst is a simple device designed to optimize fuel performance. It is supposed to increase your vehicle's kilometres-per-litre of gas, give you greater horsepower and torque, lower emissions and reduce carbon build-up.

Well, we at RVwest , along with the Alfords, put those claims to the test in the Alfords' 1982 19' motorhome. We had instructor Spencer Moeller and the students at the College of the Rockies test the emissions before and after the Fitch Fuel Catalyst was installed and the Alfords took about a 400-kilometre test run—the results are below:

<b>BEFORE INSTALLATION</b>				<b>AFTER INSTALLATION AND ROAD TEST</b>			
Loaded (Gas pedal depressed)				Loaded			
RPM	Idle	1,000	1,500	RPM	Idle	1,000	1,500
Co	4.50	2.00	2.00	Co	3.52	1.93	3.42
Hc	240	200	150	Hc	173	135	70
Co2	10.00	11.00	12.60	Co2	8.58	10.10	11.50
O2	2.20	3.90	1.80	O2	4.95	4.46	1.55

When asked what these numbers mean, Moeller put his answer in plain English. "It shows a more complete combustion—therefore utilizing more of the fuel's energy," said Moeller. And go farther they did. Before the installation, the Alfords' RV was getting 4.42 kilometres-per-litre—afterwards, Jim recorded 5.39 kilometres-per-litre—a 19 per cent increase in fuel efficiency. There was also a definite power increase, with Jim talking about his experience on a local steep incline. "I usually have to drop down into second gear and I lose five kilometres-per-hour on the hill, but now I can leave it in drive and I only lose two kilometres-per-hour," said Jim.

Well, there you have it. Increased fuel efficiency means a definite dollar savings for the Alfords—meaning they can afford to travel farther and enjoy more of Canada's great outdoors—without breaking the bank.

Visit the Fitch Fuel Catalyst Web site at [www.fitchfuelcatalyst.com](http://www.fitchfuelcatalyst.com).