

Fuel Economy Stats. 2005 Prius.

August, 2008

The odometer on the car reads 30,000 km. now. Therefore, in our 13 months of ownership, my approximate calculation is that an average fuel economy of 5 litres/100km. (56.5 imperial miles-per-gallon) we have saved about 1400 litres of gasoline versus our previous vehicle, the 2005 Honda CRV (see the pdf. "BACKGROUND: Why this Car"). During the year, the price of gas has moved from \$1.10 litres to \$1.45, so given a mean price of, let's say, \$1.25, the dollar savings has been \$1750.00.

Through the spring and summer, we are averaging 4.5 to 4.9 litres/per 100 km.

Our winter average is from 4.9 to 5.6.

The car's Transport Canada rating is 4.0 (70.62 mpg) in city driving, and 4.2 (67 mpg) highway. I certainly see those type of numbers when we are driving around Penticton doing errands or we are on a run to Kelowna. The numbers of our actual fuel economy are based mostly on us using the car Naramata Road.

I am very happy with our numbers, but if Naramata did not have hills, our numbers would be even better! Therefore, I do not think the Transport Canada numbers are overrated. The whole idea of this analysis is to show what can be expected for this car in 'the Naramata driving experience.'

Nov. 5/07, (odometer 8,242km.) winter tires are now installed, what will it do to mileage? Word is winters don't roll as well as the factory all seasons. I'm quite impressed with the mileage over the past few weeks even given the fact that it is still not broken in, and also due to the cold temperatures. The Prius is known for not liking cold, but the single digit degrees does not seem to be hurting mileage. Just had the first oil change, cost parts and labour, \$37. In looking back over the results of the mileage, . 90% of the driving is on Naramata Road and the Prius is doing exactly what I was hoping it would do. I figure it is double the mileage of the Honda CRV that we had before, and while we are driving a greater distance this fall, we are spending less money on fuel.

January, 8, 2008....

The car is handling great in the winter. It handled the mountain pass snowy weather fine when going to Vancouver at the end of December. We've had it for 6 months and would buy another in a flash!

February 25, 2008...

We've put 4218 km. on the car since December 26, and I have calculated the long term fuel use over this winter. The total is 5.12 litres per 100 km. This figure represents about half the fuel consumption of our previous Honda CRV. Therefore, with over 16,000 km. on the Prius now since purchased new in July, 2007, we have saved more than \$900 in fuel costs. Granted, we are driving the car a lot as you can see...16,000 km. in just a bit more than six months!

We're still loving this car...big enough when we are carpooling with extra kids, yet with a hatchback in can handle grocery shopping and I've even had about twelve 2 x 4s at 8' long loaded in the car with the hatch down.

The car has made several winter trips to Vancouver, and it has performed well on the Hope-Princeton Highway. It is always up to passing when needed, and takes the turns very well.