

PT Cruises to fewer oil changes

By IntelliStick

Phil's Pro Auto Shop saves time and money by extending their oil change interval with IntelliStick.

For Immediate Release:

The mechanics at Phil's Pro Auto in Garden City, Colorado, know that changing your oil "every 3,000 miles" is an out-of-date rule of thumb. Technological advancements in engine design and motor oil composition have changed the rules. Most new cars can extend oil changes to 5,000 or even 7,500 miles without harming the car or voiding the warranty. But even those are averages. The correct time to change the oil is when your oil tells you it's time ... and it's different for every car or truck.

Owner Phil White has made customer satisfaction the main priority at Phil's Pro Auto for more than 25 years. The shop's team of mechanics is knowledgeable and friendly and is one reason why the shop has so many devoted, repeat customers. The shop's courtesy car – a 2005 PT Cruiser – is an added perk for customers and, with its bright paint job, a source of publicity for the shop. It is important to Phil to keep the PT Cruiser running smoothly, so that he and his mechanics can focus their time and attention on their customers.

In 2007 Phil discovered IntelliStick, an innovative new "intelligent dipstick" that monitors the PT Cruiser's true oil condition. Phil now saves time and money by only changing the oil when it needs to be done.

Gerry Suppes, the lead mechanic at Phil's, said that IntelliStick is a piece of cake ... easy to install and use. The PT Cruiser's data is transmitted to a computer via a wireless Bluetooth® connection, where the IntelliStick software creates graphs showing the good additives being used and harmful oxidation.

The data from the IntelliStick onboard Phil's PT Cruiser creates a perfect "Kauffman Curve," IntelliStick's measurement of oil life. The oil uses the additives and slowly starts to oxidize. They watch the curve to make sure that the oil's viscosity doesn't rise, which would indicate that the engine was being harmed. The mechanics at Phil's originally changed the oil on the Cruiser every 3,000 miles. They extended the range to 3,500 miles, then 4,200 and now to 4,600 miles between oil changes. In the third interval they saw their Kauffman Curve begin to level off, indicating a rise in viscosity. This let them know that they had reached the point where they needed to change the oil to avoid engine damage.

Phil now has the best value from his oil while ensuring that the engine does not incur any damage beyond the typical polishing wear caused by partly oxidized oil. Racers and big rigs often prefer to change the oil earlier on Kauffman curve. IntelliStick allows drivers to determine what's best for their vehicle's use and engine oil.

In the third oil change, Phil's mechanics supplemented the oil with BG MOA additives. This accounts for the steep bump in the Kauffman Curve. The IntelliStick shows that with the extra additives the oil takes much longer to start to oxidize, which means the additives are providing better protection for the PT Cruiser's engine.

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For more information:

Keywords: IntelliStick, oil condition monitor, oil change, additives, oxidation

Contact us: www.intellistick.com

I sent an email to Phils Pro Auto Service in Colorado to follow up on the article on the previous page which stated they installed one of the Intellistick devices on their courtesy car in 2007. Here is his reply dated Wed, 28 Jul 2010 complete with an invitation to call his shop foreman for further details. I did call him and he had a lot to say about it – all good - and even after more than 3 years of the Intellistick being in use in their courtesy vehicle.

Derek J. McCardell

PS...Phils Pro Autoservice in Colorado is on the Internet.

From: "Phil White "

To: <derek@icrossroads.com>

Subject: Intellistick

Date: Wed, 28 Jul 2010 08:01:14 -0600

Hi Derek,

Brad copied me on your email request for info regarding the Intellistick product. We have been a BETA tester for this product for several years now and have found it to be highly reliable in providing accurate information about the condition on the oil in our shop shuttle (a 2005 PT Cruiser). This vehicle gets about 250 to 300 miles a week of very short stop and go trips and we have been able to extend our drain interval with confidence to about 5000 miles. We are currently testing some long life synthetic oils to see how they fair.

My shop foreman would be glad to speak to you about the product as he is the one who monitors the unit. If you can either call us around 11:30 our time (mountain standard) or just drop an email and we will be glad to give you more information.

Have a GREAT day.

Phil White

www.PhilsProAutoService.com