

Heat Your Shop



HORIZON® Multi-Oil Heater

Without Burning Your Budget

Warming your shop with FREE HEAT from a HORIZON® Multi-Oil Heater allows you to:

- ★ Save big on energy costs
- ★ Eliminate waste oil disposal costs by using an EPA-approved recycling method
- ★ Reduce heater maintenance with proven, easy-to-service designs

Choose from a variety of HORIZON Heaters and Boilers to fit your needs and budget.

For complete information and a distributor near you, contact:



1-866-252-3757

www.firelakemfg.com



Manufactured by
Firelake Mfg.

Indicate 290 on inquiry card or click "e-inquiry" at www.pten.com

TOOL Review

Does X Mark The Spot For Engine Diagnosis?



SenX™ Technology introduces their FirstLook™ Automotive Engine Diagnostic Sensor. According to SenX, when used with a dual trace lab scope, the new tool performs like an engine analyzer, providing performance data on engine cylinders, valves and injectors without any engine disassembly.

When an engine turns over, it generates an exhaust pulse every time a valve opens. FirstLook™ is connected to the tailpipe to analyze these pulses and capture data relative to how the engine and, more specifically, each cylinder is performing. The company feels comparisons can then be made between the different engine compartments to help determine if and where a problem exists.

To see just how well FirstLook™ would perform in the shop, we gave a unit to Innovation Award Panelist and ASE-certified Master Technician Mike Steptoe, owner of Reliable Auto Repair in Fort Atkinson, WI. His thoughts follow.

The Review

"I really liked this unit, especially the sensitivity it offers in

capturing information on each cylinder. By looking at the wave patterns on my scope, I could definitely see when each individual valve was opening and closing. I also really enjoyed how quick and easy it was to set up, especially in comparison to a traditional engine analyzer. In less than 5 minutes I was ready to go, as there's only one connection. This is in comparison to the multiple test lead connections an analyzer requires.

"Additionally, I'd think this would be an excellent tool for selling injector cleaning services, as you can see when the injectors are opening and closing. I was also able to diagnose some of the more difficult vehicle makes we get here. For me that meant I didn't have to turn away a Mercedes, but was able to diagnose and repair an injector problem. I think the ability to connect to a PDA also makes the tool a more economical alternative for an individual technician"

For more information on SenX Technology's FirstLook™ Engine Diagnostic Sensor:

Indicate 195 on inquiry card or click "e-inquiry" at www.pten.com