

Having the right information will save you time and money

IT (Information Technology), Antique Tractor Style!

We've all seen computers make their way into the cabs and under the hoods of modern tractors. They make some great things happen in the field, but they can be trouble when things go wrong. Thank goodness for those old reliable pre-computer tractors still in the shed.

Now that doesn't mean the need for information is gone. No, more than ever fun and profit rely on the ready availability of the right information. You may not need a USB cable and laptop to get that old tractor back in action, but you will need information, and that means manuals. Jensales Inc. has the largest library, best service, and most user friendly manuals in the world.

Quite simply, they have the best manuals and most complete catalog. The library of titles is now approaching 18,000 and covers tractors, industrial equipment, and implements made from pre 1900 all the way to current models. They have something for nearly every tractor made, the catalogs are right there on their website as easily downloaded pdf's.

Their emphasis is on high quality reproductions of OEM manuals, but Jensales has developed a number of exclusives as well. Jensales reproductions are of the OEM (Original Equipment Manufacturer) manuals the factory mechanic would have used when the tractor was new. An Operator's, Service, and Parts manual for your tractor/crawler/implement will show you the right way to do any job and save you time and effort. The exclusives include a freshly updated service manual for the JD L/LA/LI, an Essential Shop Reference, a nearly 1,000 page Magneto Encyclopedia, and several more. The Jensales exclusive manuals are listed on their website or you can call them to find out more.

Jensales manuals are made to be used: Digitally mastered, comb bound, and often including many extras like service bulletins and updates whenever possible. Whether you are preserving history with a fine restoration or getting an old friend back to work having the best combination of information and useable format will make it all go the



Jensales has more than 16,000 service manuals available for tractors, implements, and all kinds of heavy equipment.

way you want. These manuals even make great gifts.

Go visit the Jensales' World Headquarters in Manchester, Minnesota; they would love to see you.

Contact: FARM SHOW Followup, Jensales Inc., 200 Main Street, Manchester, MN 56007-5000 (ph 800-443-0625; fax 507-826-3777, tech x-3666, www.jensales.com).

Reader Inquiry No. 186

Waste Oil Good Source of Heat

We all enjoy having a shop that is comfortable to work in during the winter months. Used motor oil, hydraulic and transmission fluids, gear oil, vegetable oil, even diesel oil when mixed with regular used oil, are great sources of heat.

There are a lot of waste oil heaters on the market. The price scares most of us off. Not only the initial cost, but the maintenance requires calling a serviceman.

Many have tried to build a waste oil heater out of a barrel stove or wood heater by gravity feeding the oil. The problem is control of the fuel and air mixture – as the oil heats up it flows faster and you have to readjust it again and again or risk burning the shop down.

There is something that really works! The price is right because it's a kit you build and maintain yourself. It also burns so clean (and this is hard to believe unless you've seen it) that there is absolutely no visible smoke during normal operation.

Here is what makes it work so well: 1) A fuel pump with speed control allows full control of the amount of fuel going into the combustion chamber. 2) There is no nozzle to plug, a common problem with other waste oil heaters. 3) A combustion air blower with

air control allows matching the fuel with the right amount of air. 4) A cast iron combustion chamber creates an intense heat area to thoroughly vaporize the fuel for complete combustion. 5) The cascade assembly located in the bottom of the combustion chamber helps to break up the fuel for more complete burning. 6) The heaters are packed with steel heat exchanger tubes, extracting the maximum heat and protecting the barrels from burning out, giving them a very long life. 6) An air plenum and powerful blower will fill your shop with heat, not only right next to it.

There are three sizes of heater kits, for shops from the size of a garage up to 5,000 square feet or larger. Clear assembly instructions have photos and diagrams. You supply the barrel, flue pipe, and basic tools, and everything else is included in the kits. The heater is not thermostat controlled. Priced from \$1095 to \$1795, or \$495 for the oil pump and combus-



PapaBurn (with cutout sides to show heat exchanger tubes)



BabyBurn

tion control package alone, plus shipping.

Contact: FARM SHOW Followup, Harold Ag & Mobile Products, 1-800-541-8910; website www.wasteoilheater.net.

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