



Even the dirtiest crankcase oil burns clean "as is" in this new waste oil heater.

NEW HEATER BURNS WASTE OIL

"Free" Heat for Your Farm Shop

One of the best "inflation fighters" we've seen is a revolutionary heater that burns waste oil you've been throwing away.

Even the dirtiest oil drained from your cars, trucks and tractor burns clean — without any processing or treatment — in the new "smokeless, odorless and soot-free" Kutrieb heater, introduced by Self Sufficiency products.

Rated at 85,000 btu's, the heater delivers thermostatically - controlled heat from a wide variety of petroleum-based fuels — from waste transmission, crankcase, brake or hydraulic oils to No. 1 fuel oil. "It doesn't matter if waste oils are mixed together," explains Jim Cook, president. "The thicker the mixture, however, the more btu's it generates." Except for a box-type strainer at the top of the fuel tank to screen out leaves, dead mice or other debris, waste oil goes into the heater's fuel tank "as is".

Cook notes that a gallon of waste oil will produce about the same, or up to twice as much heating value, as a gallon of No. 1 grade fuel oil. "If you don't have enough waste oil of your own, you can buy it by the barrel at most garages and filling stations for little or nothing. In addition to heating farm shops, our new heater can be adapted for use as a tank heater, or for

heating livestock, machinery or other buildings."

Could it be fired with waste oil and used in the home?

"We're not recommending it for home use, but only because we don't feel we have enough experience with a wide variety of waste oils. So far, however, we've encountered no problems with odor, soot or smoke," explains Cook.

Other key features of this first-of-its-kind heater, according to Cook, include:

Safe operation: A special thermostat element within the heater's electrical circuit turns off the pump and cuts off the fuel supply in case of flame failure.

Simple to operate: A specially-designed piston pump provides positive, trouble - free fuel metering.

Easy to clean: It only takes about two minutes every other day to clean ash residues from the burner's vaporizer pan.

The all-welded heater is 39.5 in. high, 19 in. wide and weighs 142 lbs. Its top is made of a ¼ in. thick steel plate, the sides of 14 ga. steel. Sells for \$489 F.O.B. the factory. Dealer inquiries invited.

For more details, call or write: FARM SHOW Followup, Self Sufficiency Products, One Apple Tree Square, Minneapolis, Minn. 55430. (ph 612-854-0276).

FIRST NEW GREASE APPLICATION IN 40 YEARS

Electric Grease Guns

New electric grease guns, billed as the "first new principle in grease application in 40 years", are catching on fast with farmers, according to H. S. Stanley, marketing director for Haelco, Inc., Bath, Ohio, manufacturer.

The company's deluxe model Flexilube, powerful enough to unclog frozen bearings yet gentle enough to "needle" grease into greaseless bearings, is equipped with an amber light which activates when the gun is low on grease. It sells for \$144.95. A new, just-introduced model with the same capability but without the light, a refill switch and a few other "frills" sells for under \$100.

Both models feature electric "hammer action power" of 10,000 lbs. pressure which instantly drives fresh grease into bearings by forcing old grease out, virtually eliminating frozen or tight bearings. "We figure they save up to \$50 for every pound of grease in reduced bearing maintenance and downtime," says Stanley. He notes that both models can be carried to the job and used anywhere electric power is available. An optional inverter for pickups allows use of the Flexilube Repeat-A-Matics in the field. An optional injector makes it easy to "needle" grease through the rubber seal on greaseless bearings without having to dismantle the bearing.

The deluxe Flexilube Repeat-A-Matic, said to be the only self-contained portable power lubricator on the market that uses standard one pound cartridge tubes, weighs less than 10 lbs. with a full cartridge. It measures 17 in. high, 7 in. wide and 3-3/8 in. deep.

For more details, contact: FARM SHOW Followup, H. S. Stanley, Marketing Director, Haelco Inc., Box 86, Bath, Ohio 44210 (ph. 216 666-1671).



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New Products for Your Farm Shop

Unbiased Comparison of Tractors, Combines

One of the best unbiased comparisons of latest new tractors, combines and forage harvester we've seen is a reference guide compiled by Pierce Fulkerson, Kentucky farm implement dealer.

Called "Tractor Comparisons — 1977", it lists performance data comparisons — including fuel efficiency ratings — on about 80 untested farm tractors, and close to 100 models tested at the Nebraska Tractor Testing Station.

Fulkerson notes that, as a dealer, he used to spend many hours searching for information on what he had to sell and what competition offered. His guide pulls it all together for quick, easy reference.

"Our fuel economy figures, derived from the Nebraska Tractor Tests, reflect actual gallons per hour at 75% maximum drawbar load. Since it is not recommended that tractors be subjected to continuous maximum load in actual operation, we feel the 75% figure is most meaningful."

A Buyer's Guide section explains pros and cons of such features as wet and dry sleeves, turbochargers, closed vs. open center hydraulics, and other features.

Cost of the 56-page guide is \$5. Write to: FARM SHOW Followup, Tractor Comparisons, Box 117, Sonora, Ky. 42776. (ph. 502 369-2201).

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