



"Oil Vac" is equipped with twin 125-gal. tanks and an compressor on front.

## Portable "Oil Vac" Sucks Out Used Engine Oil

"It saves a lot of time and labor and eliminates oil spills," says Gary Sage, Dalhart, Texas, about the portable "Oil Vac" he built to remove used oil from engines in tractors, trucks, and combines, as well as irrigation engines.

Sage came up with the idea for his "Oil Vac" four years ago (Vol. 18, no. 2). He used it on his farm to remove used oil from irrigation engines. Now he's got it on the market. He displayed it at the recent 3I show near Great Bend, Kansas.

The trailer-mounted unit is available with twin 125 or 250-gal. tanks or with a single 250-gal. tank. The single tank model can handle only used oil while the twin tank models can handle both new and used oil. All units are equipped with a 5 1/2 hp gas engine and an air compressor, with compressor hoses hooked up to one of the tanks. The compressor creates vacuum inside the tank.

A hydraulic hose sucks used oil out of the engine oil pans and into the tank. After the old oil is removed, you can hook up another set of hoses to the second tank and blow new oil into the engine crankcase.



Oil filter crusher.

"It lets you contain used oil and recycle it with a minimum of spillage," says Sage. "An optional heavy duty oil filter crusher is available to crush any size filter right on the spot. The oil is squeezed out and can easily be vacuumed into the used oil tank."

The twin 125-gal. tank model sells for \$4,395.

Contact: FARM SHOW Followup, Oil-Vac Inc., HCR 5, Box 524, Dalhart, Texas 79022 (ph 806 377-6231 or 6211).

## Special Sharpening Wheel For Clipper Blades

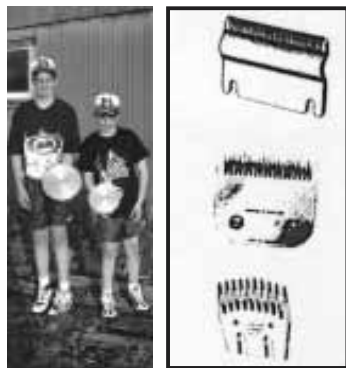
"It lets us sharpen our own clipper blades and make some extra cash sharpening blades for other farmers," says George Hunter, Smith Falls, Ontario, about a new sharpening wheel for clipper blades.

Made from cast aluminum, the 10-in. dia. wheel mounts horizontally on a 1/2-in. dia. shaft driven by a 1/4 hp or larger electric motor. To use the sharpening wheel you first sprinkle grit and/or WD-40 oil onto the wheel and rub it in evenly. Then place a magnet on the back side of the clipper blade, allowing you to hold the blade with the teeth pointing in the direction the wheel is turning. Set the blade on the center of the wheel and move it to the outside edge, going back and forth over the wheel two or three times.

"It sells for \$125 (Canadian) compared to as much as \$1,400 for another sharpener on the market, yet it works better," says Hunter. "It'll last for years and is thick enough that you can resurface it many times on any lathe.

"Our wheel's patented design results in reduced vibration which allows it to sharpen the teeth very precise and true. Also, the wheel is porous enough to hold grit."

Hunter also offers an 8-in. dia. sharpening



Hunter offers 10 and 8-in. dia. cutting wheels designed to sharpen a variety of clipping blades.

wheel that sells for \$95 (Canadian), as well as a sharpening guide and how-to video at an extra charge. Prices do not include motor or mounting shaft.

Contact: FARM SHOW Followup, George Hunter, Box 1184, Smith Falls, Ontario, Canada K7A 5C7 (ph 613 283-6599).

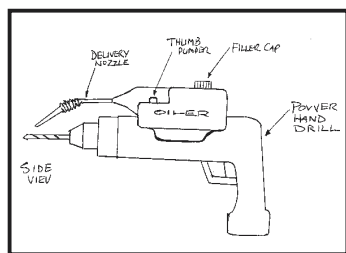
## Cutting Oil Applicator For Hand Drills

Industrial drill presses have cutting oil applicators built right into them. Now, an Arizona inventor has come up with a way to mount an oiler on a hand drill.

Inventor Michael O. Hing patented the "Oiler", which is simply an oil reservoir that attaches to any power drill. It applies lubricant directly to the cutting surface. Flow can be easily varied as needed.

Hing is looking for a manufacturer.

Contact: FARM SHOW Followup, Hing Engineering, 125 North Pinal, Superior, Az. 85273 (ph 520 689-2265).



Oil reservoir attaches to any power drill to lubricate the cutting surface.

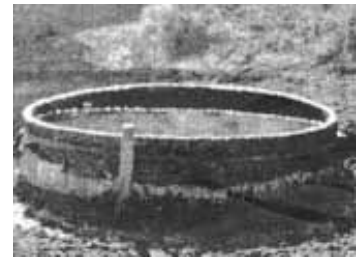
## Money-Saving Way To Repair Stock Tanks

A new "poly" fabric liner is a great way to seal up leaky livestock tanks and avoid costly replacement, according to the product's Montana distributor.

Center Ag Supply's 16 ml. thick polyethylene fabric comes in 6 ft. widths in virtually any length.

To use, you simply heat "weld" sections together to a width that's 1 ft. wider than the tank, overlapping seams by 6 in. Then put the fabric in the tank and pour in enough water to weight it down. Then, place a band around the tank to hold the fabric to the sides and trim off the excess.

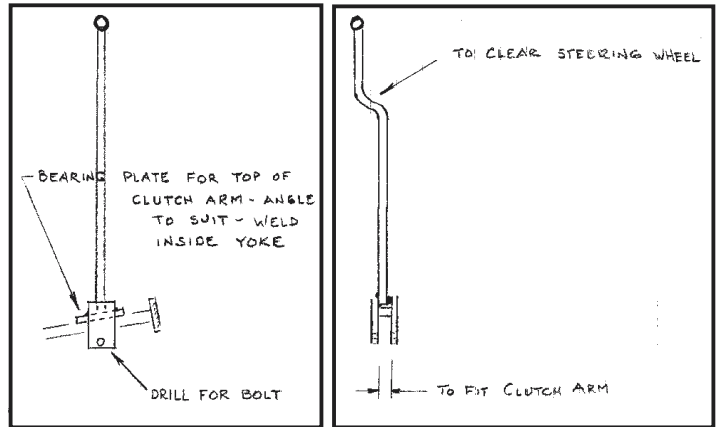
A typical 10-ft. dia. by 2-ft. high stock tank requires 16 sq. ft. of material. At 25 cents per sq. ft., it costs \$75 to repair a corroded or rusted tank this size.



New poly tank liner lasts five to six years under normal use, the distributor says.

Lasts five or six years under normal use, Center Ag Supply says.

Contact: FARM SHOW Followup, Center Ag Supply, Box 8, Miles City, Mont. 59301 (ph 406 232-2349).



Hand-operated clutch assist lever attaches to foot clutch for use when Tolen's foot gets tired. It consists of a 3/4-in. dia., 3-ft. long steel pipe that bolts to existing bar on pedal.

## Hand-Operated Clutch Makes It Easier To Shift Tractor

When the foot-operated clutch failed on his White 85 hp tractor, Rayburn Tolen, Jamesport, Mo., installed a new, larger clutch that turned out to be more difficult to depress. He solved the problem by installing a hand-operated clutch assist lever that attaches to the foot clutch.

"I can use either clutch depending on how I feel. I mainly use the hand-operated clutch when my foot gets tired," says Tolen. "The replacement foot-operated clutch was designed for a 155 hp tractor so it's built with tighter springs that make it more difficult to depress. I use the tractor a lot to make round bales so it's important to have a clutch that's easy to operate."

The hand-operated clutch consists of a 3/

4-in. dia., 3-ft. long steel pipe that bolts to an existing steel bar on the clutch pedal. Tolen split the bottom of the pipe so that it would fit over the mounting arm and made a bearing plate that mounts on top of the arm, then welded the plate inside the yoke. He then drilled a hole through the bottom of the pipe and through a bar in front of the clutch pedal and bolted the pipe on. He had to bend the upper end of the pipe to keep it from interfering with the tractor's steering wheel.

"I think the same idea would work on any tractor with a foot-operated clutch that's hard to depress," says Tolen.

Contact: FARM SHOW Followup, Rayburn Tolen, RR 2, Box 95, Jamesport, Mo. 64648 (ph 816 772-3207).

## Telescoping Magnetic Pickup Tool Doubles As Screwdriver

This rubber-handled "8-in-1 magnetic screwdriver" has an "antenna" that telescopes out to a length of 14 in. to pick up small parts that fall in out-of-the-way places. With the magnet retracted you can insert a screwdriver bit into the end of the tube. Six different bits can be stored on the handle.

"It has amazing strength for such a small tool and can pick up about a 1/2-lb. object," says Percy Fiebelstad of Tools Plus, Bismarck, N. Dak.

Sells for \$8.95 plus \$3 S&H.

Contact: FARM SHOW Followup, Tools Plus, Box 1231, Bismarck, N. Dak. 58502.



When magnet is retracted, a screwdriver bit can be inserted into the end of the tube (above). It extends out to 14 in. (below).