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## Waste Oil Filter: Cleaning Waste Oil for Fuel

If you heat your home with an oil burner, here is one design for a waste oil filter you can use to turn waste oil into fuel.

By the MOTHER EARTH NEWS editors  
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Well, cold weather has settled in again, and you can bet your bottom dollar that quite a few folks are scratching for an effective, *inexpensive* way to heat their homes this winter season. Many such people have turned to wood as a source of warmth for their abodes ... but, of course, not all of us have the kind of access to low-cost timber that makes wood heat *really* economical.

Happily, though, MOTHER EARTH NEWS' crew of researchers came up with a dandy little furnace last winter that uses waste motor oil—drained from cars, trucks, buses, etc.—as a source of (for the most part) *free* fuel! Better yet, the stove is so simple in design that just about anyone can build it in a day's time ... for a total cost of less than \$40!

Of course, the used lubricant taken from an automobile's crankcase is bound to be dirty, so it must be filtered before use ... and—unless you want to spend a lot of time and money (not to mention energy) on a complicated system of hoses, pumps, and filters—we think the best way to go about tidying up your "motor squeezin's" is to fashion a waste oil filter. Give it a try ... and happy heating!

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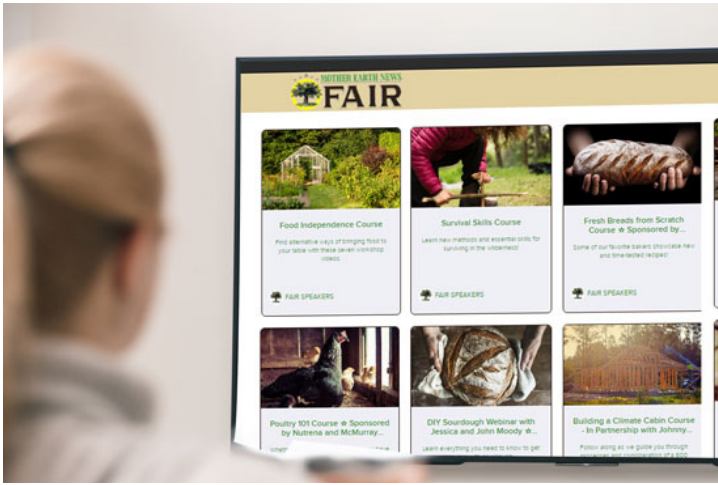
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