USED MOTOR OIL AND FILTER RECYCLING GUIDE

BURBANK RECYCLECENTER

Oil Change

Learn how to reduce, reuse and recycle motor oil—and why it matters.

Oil on pavement pollutes waterways: **Fluid leaks on driveways and streets allow storm water to wash contaminates into storm drains. To prevent this, make sure you clean up spills and get regular vehicle maintenance.**

Source: EPA

Oil and Water Don't Mix

...Or at least they never should. Used oil contains lead, magnesium, zinc, arsenic and other pollutants that can enter our ground and surface water if oil is poured down the drain or onto the ground. In fact, federal reports show that used motor oil makes up 40% of the total oil pollution found in U.S. harbors and waterways. Research also confirms one gallon of used oil contaminates 1 million gallons of water (a year's supply of water for 50 people) and creates a 1-acre slick.

But we can and are making a difference.

By recycling oil in our area, we are protecting some of our most beautiful natural resources, such as the L.A. River Channel, where a new bike path just opened for residents' enjoyment. And remember: Biking, instead of driving, also saves oil!

PHOTO BY JOE LINTON/STREETSBLOG

Making a

Oil poured into the trash, down household drains, into storm drains or directly onto the ground can work its way into and pollute groundwater, streams, rivers and lakes.

Protect Our Waterways and Wildlife: 1 gallon of oil pollutes 1 million gallons of water

Oil is insoluble, persistent and slow to degrade. And it contains toxic chemicals and heavy metals that stick to everything—from beach sand to bird feathers.

Source: EPA

It's been 30 years since oil recycling became a law—and the process has only become easier and more convenient

Bailey Franklin with the California DTSC

Along with batteries, pesticides and dozens of other common products, used motor oil is classified as household hazardous waste. Improperly disposed of, it can pollute soil, groundwater and waterways with dire consequences.

That's why it's vital that consumers who change their own oil in their cars and trucks deliver their waste oil to state-certified collection centers for recycling and re-purposing, says Bailey Franklin.

She's a senior environmental scientist who works in the criminal investigations division of the California Department of Toxic Substances Control, the mission of which is to protect public health and the environment.

PHOTO COURTESY OF CITY OF BURBANK

In 1991, California passed the Oil Recycling Enhancement Act to address the significant threat to our environment from illegally dumped used oil. The implementation of the act is managed by the California Department of Resources Recycling and Recovery (CalRecycle).

Difference

BY ALLEN PIERLEONI

Are Californians ahead of the curve when it comes to environmental awareness?

California goes above and beyond federal standards for how to handle hazardous waste, including used motor oil. What to do with waste oil is a very big issue. Being able to recycle chemical products like waste oil and use them for something else is a result of people becoming more environmentally aware and taking responsibility for the end lives of the chemicals they use.

How difficult is the used-oil recycling process?

Used oil is infinitely recyclable—all you have to do is clean it—and we've developed programs that let people easily recycle it, such as collection centers. But a lot of people who change their own oil don't think about that. Maybe they throw away a used oil filter that has a half-cup of oil in it and it's going into a landfill. Multiply that by the number of people who change their own oil (nearly 60% of consumers nationally). All that oil seeps into the earth. We can't bury everything in landfills and not expect it to come back at us.

What's the key to getting everyone on board?

Continued education. If you give people the information, they will help. Between my department and CalRecycle, we've had big pushes for education on what to do with used oil and used oil filters, and how to do it. Now we're working with quick-change oil services, getting the information out there.

As an environmental scientist, what's your message to the public?

By managing your waste oil, you individually can make such a big difference to our environment, and it's much easier than you may think. Do not dump it. People don't think of it as something that can be such a huge polluter that can kill native species—fish and other animals—but it is.

It takes 42 gallons of crude oil, but only one gallon of used oil, to produce 2 ½ quarts of new lubricating oil.

Source: EPA

Consumers who change their own oil generate at least 200 million gallons of waste oil and throw away 120 million gallons of recoverable oil every year.

Source: EPA

To find a waste oil collection center near you, go to Page 4 of this guide or visit www.earth911.com.

Recycle and Reuse Your Old Oil

The United States Environmental Protection Agency estimates that **380 million gallons** of oil are recycled annually. Once reprocessed, that oil can be reused as motor oil, as an industrial fuel source or other petroleum products. Motor oil does not wear out and can be reused after being re-refined, reducing the need for new crude oil. Recycling also takes less energy and resources: It takes **42 gallons of crude oil**—versus one gallon of recycled oil—to make **2.5 quarts** of high-quality lubricating oil.

Recycling used oil:

- Extends the life of crude oil resources
- Keeps it from polluting soil and water
- Takes a third of the energy needed to create new product from virgin crude oil
- Creates and supports thousands of jobs, tax revenue and creates a range of products

DIY Oil Change Like a Pro

Don Baldaseroni knows a lot about changing oil in cars. As a member of the 90-strong Burbank Road Kings hot rod club since 1986, he and his fellow members are in tune with the right way to dispose of waste oil and used oil filters.

"We change oil frequently because of the type of engines in our cars, and we've been recycling for a long time," says Baldaseroni, age 72. "We would never even think about throwing away used oil or burying it. It leaks into the groundwater."

If you want to change your own oil, Baldaseroni has some advice: "The biggest thing is safety. When you jack up your car, make sure you place a jack stand underneath the frame once the car is jacked up, in case the jack loses pressure and drops."

For a step-by-step DIY guide to changing your engine oil: www.motortrend.com/news/how-to-change-the-oil-in-your-car-truck-or-suv/

Don Baldaseroni will also answer your questions about oil changes. Email him at **burbankroadkings@gmail.com**

We all used to change the oil in our cars every 3,000 miles, but with modern lubricants, most engines today need oil changes every 7,500 to 10,000 miles. And if you opt for synthetic motor oil, you might go as far as 15,000 miles between services.

Source: EPA

DIY Recycling Drop Off at Burbank Recycle Center!

We offer used motor oil draining services so you can keep your container to reuse again.

- Funnel the used oil in a bucket or the original bottle
- Self-Serve: Pour your used oil into the draining rack system
- ONLY oil filters, motor oil and anti-freeze are allowed (staff will check to ensure no other materials are mixed in)
- Limit 20 gallons per trip (5 gallon container limit)

Why Recycle Oil Filters?

Used oil filters are also a hazardous waste because up to 10 ounces of oil still remain.

Source: CalRecycle

Burbank Certified Used Motor Oil Collection Sites

Burbank Recycle Center*
500 S. Flower St.
818-238-3900

Pep Boys #618
254 W. Olive St.
818-845-3555

O'Reilly Auto Parts #3055*
677 N. Victory Blvd.
818-556-4868

AutoZone #5362*
2502 W. Burbank Blvd.
818-843-2990

The Lube Center Inc.
417 S. Victory Blvd.
818-848-8709

Mountain View Tire & Auto Service*
2901 W. Magnolia Blvd.
818-843-6933

Pep Boys Store #1431
3514 W. Burbank Blvd.
818-840-0745

Valvoline Instant Oil Change*
2420 W. Olive Ave.
818-841-8866

Muller's Burbank Mercedes*
1617 N. San Fernando Blvd.
818-845-8775

Burbank Pit Stop*
1420 N. San Fernando Blvd.
818-848-8550

Jiffy Lube #1469*
107 S. Victory Blvd.
818-848-0153

*(*facilities that accept oil filters).*

Our Partners:

Funded By CalRecycle

City of Burbank Public Works

Recycle Used Oil

For more information on California's used oil certified collection centers, call 1-800 CLEANUP or visit www.calrecycle.ca.gov.

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