

Visit our web site at **www.api.org** and learn more about oil and natural gas!

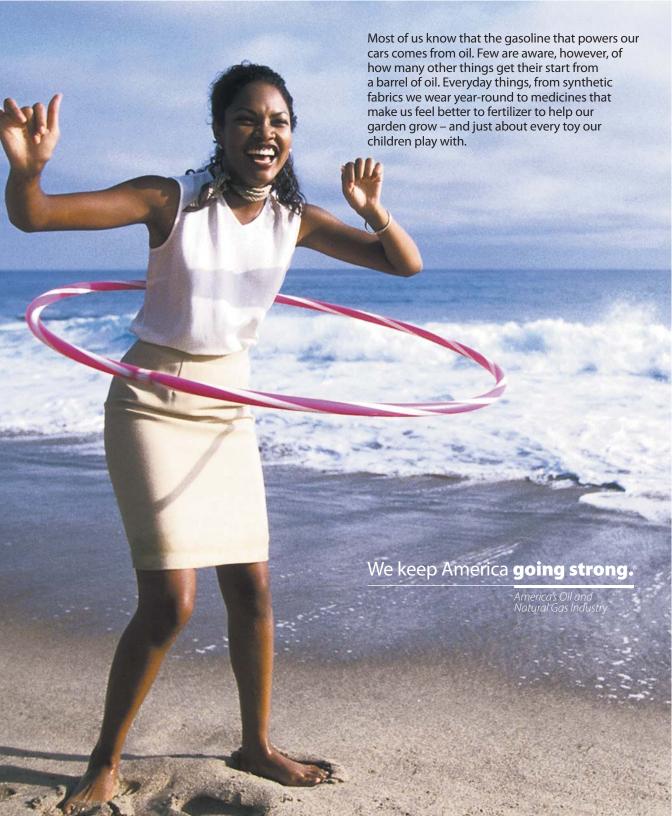
## We keep America going strong.

America's Oil and Natural Gas Industry

Brought to you by the proud members of API 1220 L Street, NW Washington, DC 20005-4070 USA

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From the time your digital clock alarm rings in the morning to the time you turn in for the night, oil touches your

life in ways you may never have imagined.

Thousands of products – from your toothpaste to your telephone, your credit cards to your computer, and your vitamins to your shampoo – all got their start from oil.

Understanding how much life there is in a barrel of oil helps us discover how our nation's oil and natural gas industry keeps America going strong.



**Oil helps you get around.** Oil provides about 40% of the energy Americans consume and 97% of our transportation fuels.



**Oil goes to work.** The U.S. oil and natural gas industry employs nearly 1.5 million people.

**There's oil right here.** In the U.S. alone, the total remaining technically recoverable oil may exceed 162 billion barrels – about 25 years' worth at the current rate of consumption. The total remaining technically recoverable world resources may total 2.3 trillion barrels.



The oil industry is a steward of the environment. Between 1995 and 2004, the U.S. oil and natural gas industry spent about \$188 billion to protect

the nation's environment. This amounts to \$299 for every man, woman and child in the U.S. Thanks to directional drilling, slimhole rigs and other technological advances, oil can be found with less disturbance to wetlands and other sensitive environments.

Oil has a second life. Two gallons of recycled used oil can generate enough electricity to run the average household for almost 24 hours, cook 48 meals in a microwave oven, blow dry hair 216 times, vacuum a house for 15 months or run a TV set for 180 hours. Motor oil doesn't wear out – it just gets dirty. The oil you take to a collection center to be recycled can be reprocessed and used in furnaces for heat, used in power plants to generate electricity, and re-refined into lubricating oils that meet the same specifications as virgin motor oil. For more information, visit www.recycleoil.org.

**Oil products are cleaner.** Thanks to improved automobile technology and cleaner burning gasolines, today it would take 37 new cars to produce the same tailpipe emissions as one new car in the 1960s.

If it weren't for petrochemicals, you could kiss lipstick goodbye. Oil does a lot more than simply provide fuel for our cars and trucks, keep our homes and offices comfortable, and power our industries. Oil is a key ingredient in making thousands of products that make our lives easier – and in many cases – help us live better and longer lives. From lipstick to aspirin and diapers to roller blades, petrochemicals play a vital part. Here are just a few examples.

Antihistamines Hang Gliders

Antiseptics Heart Valve Replacements

Artificial Hearts House Paint
Aspirin Infant Seats

Audiocassettes Ink

Baby Strollers Insecticides
Balloons Life Jackets
Bandages Lipstick
Blenders Luggage

Cameras Medical Equipment

Candles Nylon Rope
CD Players Pacemakers
Clothing Pantyhose
Compact Discs Patio Screens
Computers Perfumes

Containers Photographic Film **Photographs** Crayons Credit Cards Piano Keys **Dentures Roller Blades** Deodorant Roofina **Diapers** Safety Glass **Digital Clocks** Shampoo Dinnerware Shaving Cream **DVDs Shower Curtains** 

Dyes Slippers

Hair Dryers

Eyeglass Frames Soft Contact Lenses

Fertilizers Sunglasses Food Preservatives Surfboards

Food Storage Bags Surgical Equipment

Footballs Syringes
Foul Weather Gear Telephones
Furniture Tents
Garbage Bags Toothpaste
Glue Toys
Golf Balls Umbrellas

Vitamin Capsules

## What a barrel of crude oil makes.

Product	Gallons per Barrel
Gasoline	19.4
Distillate Fuel Oil (Includes both home heating oil and diesel fuel)	10.5
Kerosene-Type Jet Fuel	4.1
Coke	2.2
Residual Fuel Oil (Heavy oils used as fuels in industry, marine transportation, and for electric power generation)	1.7
Liquefied Refinery Gases	1.5
Still Gas	1.8
Asphalt and Road Oil	1.4
Raw Material for Petrochemical	s 1.1
Lubricants	0.4
Kerosene	0.2
Other	0.4

Figures are based on average yields for U.S. refineries in 2005. One barrel contains 42 gallons of crude oil. The total volume of products made is 2.7 gallons greater than the original 42 gallons of crude oil. This represents "processing gain."

