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Ecological and Economical Benefit

Reduces Emissions, Increases Engine Life

Each year millions of gallons of motor oil are burned and exit through the tailpipes of cars and trucks, creating emissions pollution. Petroleum oils volatilize (burn off) more readily than AMSOIL synthetic oils and create more emissions pollution. The thicker oil left behind after volatilization contributes to damaging deposits, sticky piston rings and oil blow-by, all of which cause reduced engine life, reduced fuel economy and increased air pollution.

Greater Fuel Economy

The advanced lubricity (slipperiness) of synthetic lubricants has been proven to increase fuel economy. In fact, AMSOIL synthetic drivetrain lubricants have been proven to increase fuel economy in diesel trucking applications up to 6.54 percent.

How Much is 6.54 Percent?

If a trucker averages 120,000 miles each year and spends an average of $4.09* per gallon of fuel, he or she saves $4,994 per year assuming an increase to 6.39 mpg from 6 mpg (+6.54 percent).

**Average U.S. on-highway diesel fuel price.*

Recycling all the waste oil generated by Americans who change their own oil would provide enough oil for more than **50 million cars** a year.

AMSOIL
The First in Synthetics®

Contact your local full-service AMSOIL Dealer for more information on AMSOIL products or to place an order. You may also order direct by calling AMSOIL INC. at 1-800-956-5695 and providing the referral number listed here. ▼

Referral #_____

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Environmental Responsibility



Fuel-efficient synthetic lubricants and additives that help reduce pollution.







Innovation, Efficiency and Solutions

Today's mechanized society cannot function without lubricants. While oil is a necessity, it is also potentially destructive to nature. Quite simply, it is important to select innovative, efficient products that help solve the planet's pollution problems.

AMSOIL synthetic motor oils are specially designed to protect engine components, reduce emissions, last longer and reduce fuel consumption – all features that help reduce environmental pollution. AMSOIL synthetic motor oils resist chemical breakdown and the formation of sludge, keeping engines cleaner. They have been specifically designed to resist oxidization, volatilization and shearing, resulting in a motor oil that lasts longer than conventional motor oils. While conventional motor oil manufacturers recommend oil changes every 3,000 miles, AMSOIL synthetic motor oils protect engines for up to 25,000 miles (up to 50,000 in diesel applications) or one year, dramatically extending oil change intervals.



Recycling just **two gallons** of used oil can generate enough electricity to run the average household for **nearly 24 hours**.

AMSOIL Prescription for Prevention

An important step in revitalizing a cleaner nation is pollutant source reduction. AMSOIL accomplishes this by extending the interval between motor oil changes beyond 3,000 miles, which can reduce the source of motor oil pollution more than eight times.

It is estimated that over 200 million gallons of oil are improperly discarded annually. Dumping 200 million gallons of oil is nearly equivalent to the total estimated discharge of the 2010 Deepwater Horizon oil spill. Just one quart of used oil can produce a two-acre oil slick. Improperly disposed used oil seeps through landfills into ground water, disrupts bacterial digestion in sewer treatment plants and washes into lakes and harbors. Used motor oil is one of the largest sources of oil pollution in the nation's waterways. The first thing that can be done is reducing the volume of used oil and recycling the rest. Both synthetic and conventional motor oils can be recycled at any used-oil recycling center. Virtually every city in the United States has multiple used-oil collection sites for free recycling.





Because used oil from discarded oil filters can leak into the soil and water, many state and local governments have banned their disposal in area landfills. However, like used oil, used filters are **highly recyclable**, and the steel can be used to manufacture new products, such as cans, construction materials, vehicles and appliances.

Preventing Billions of Quarts from Being Dumped

Think about the savings on the environment if, for example, the 234 million vehicles (excluding trucks, buses and taxis) in the United States were equipped with AMSOIL motor oil. Assuming an average service life of 100,000 miles and an oil capacity of 5 quarts each, 11.7 billion to 39 billion quarts of used oil will be generated during a regular service lifetime (with regular oil changes every 3,000 to 10,000 miles). If 39 billion quarts of used oil were put into 55-gallon barrels and lined up, the line would stretch from Los Angeles to Washington D.C. and back nearly 12 times. Alternatively, if each of those 234 million cars were equipped with AMSOIL synthetic motor oils and followed oil drain intervals of up to 25,000 miles, as few as 4.7 billion quarts of oil would be consumed in the same period. That is a reduction of up to 34.3 billion quarts of oil, just by switching to AMSOIL motor oils.

AMSOIL Solutions

For four decades, AMSOIL INC. has been recognized as the leader in synthetic lubrication technology. AMSOIL was the first to introduce a synthetic motor oil qualified by the American Petroleum Institute, the first to recommend 25,000-mile/one-year drain intervals and the first to implement a system for dramatically increasing drain intervals with oil analysis. Decades of research, laboratory analysis and millions of engine miles have kept AMSOIL a leader in synthetic lubrication, and the company will continue to explore ways to reduce environmental impact through continued research, analysis and product development.



The used oil from one oil change can contaminate **1 million gallons** of fresh water – a year's supply for 50 people.

Looking Toward the Future

The life of a lubricant is dependent upon the quality of the oil and the filtration system's ability to keep it clean. AMSOIL provides all the tools necessary for extending drain intervals while maintaining maximum engine protection. Premium AMSOIL synthetic lubricants and Ea® Filters, in combination with oil analysis from OIL ANALYZERS INC.®, allow motorists to dramatically extend drain intervals, saving time and money while helping to preserve the environment. OIL ANALYZERS INC. provides accurate testing and customer-focused solutions to help motorists extend oil drain intervals with confidence. Oil analysis from OAI detects unforeseen issues and predicts when adjustments or oil and filter changes are necessary.

Oil Analyzers INC.

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