



Young's Tire Center

A division of John R. Young & Company, Inc.

(215) 679-3889



Helping you to Maximize your Fuel Efficiency

*Overall, 7 out of 10 participants perceived their vehicles as running better after a Pennzoil oil change.**

*Drivers surveyed after a Pennzoil oil change.

www.pennzoil.com

Use the Recommended Grade of Motor Oil**

You can improve your gas mileage by 1-2 percent by using the manufacturer's recommended grade of motor oil. For example, using 10W-30 motor oil in an engine designed to use 5W-30 can lower your gas mileage by 1-2 percent. Using 5W-30 in an engine designed for 5W-20 can lower your gas mileage by 1-1.5 percent. Also, look for motor oil that says "Energy Conserving" on the API performance symbol to be sure it contains friction-reducing additives.



Fuel Economy Benefit: 1-2%
Equivalent Gasoline Savings: \$0.04-\$0.08/gallon

Check & Replace Air Filters Regularly**

Replacing a clogged air filter can improve your car's gas mileage by as much as 10 percent. Your car's air filter keeps impurities from damaging the inside of your engine. Not only will replacing a dirty air filter save gas, it will protect your engine.

Fuel Economy Benefit: up to 10%
Equivalent Gasoline Savings: up to \$0.41/gallon

Note: Cost savings are based on an assumed fuel price of \$4.08/gallon.

**According to : www.fueleconomy.gov

Estimates for fuel savings from vehicle maintenance, keeping tires properly inflated, and using the recommended grade of motor oil are based on studies and literature reviews performed by Energy and Environmental Analysis, Inc., Washington, DC.

Air filter savings based on Organization for Economic Co-operation and Development (OECD), 1981. *Automobile Fuel Consumption in Actual Traffic Conditions*. Paris, France. These tests were performed before the introduction of computer-controlled, fuel-injection engines. DOE is currently studying the fuel economy effects of clogged air filters on more modern engines.

