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# FUEL ECONOMY *supplement*

## Huge Cost Savings Attributed To New Oil Filter Technology

**C**ommercial fleet operators of heavy trucks, buses and construction vehicles have for years sought a way to extend service intervals for both motor and hydraulic oil systems. Extending maintenance intervals will cut expenses related to oil changes.

With oil prices continuing to escalate, and recently exceeding \$60 a barrel, fleet managers are being pressured to find other ways to reduce maintenance costs.

With the new EGR regulations pushing more and smaller contaminants into the oil system, by-pass filter technology is becoming increasingly important to maintaining viable performance levels of oil. Normal spin-on or full flow filters are designed to capture only thirty-five micron and high-

er particulate contamination while by-pass filters capture significantly smaller contamination, sometimes as small as one micron. It is the smallest contamination that does the maximum damage to the engine acting like sandpaper between pistons and sleeves. The resulting scoring of the pistons and sleeves over time leads to a reduction in engine pressure which in turn leads to a reduction in fuel efficiency. Maintaining peak performance and fuel efficiency of the engine is critical.

Cleantechnics International, Inc. has recently introduced a revolutionary by-pass filter system that substantially extends oil drain and filter change intervals as well as engine life. Their patent-pending technology filters 99.5% effectively at the one micron level. The filter load ability

is exceptional with the capability of holding up to two gallons of water and twenty-two pounds of particulate contamination. This increased load ability allows for filter change intervals of up to 90,000 miles and oil drain intervals of up to 360,000 miles.

The cost savings generated are huge and can be as much as 2 cents per mile. The virtual elimination of scoring maintains peak engine performance and fuel efficiency. Extended filter changes and oil drain intervals substantially reduce maintenance costs. Cleantechnics International, Inc. by-pass filter technology could save a company with a fleet of 100 over-the-road trucks up to one million dollars in four years. Another way to look at the savings is two cents a mile for every mile traveled by every truck in the fleet. ●

### THE BIG 4 REASONS FOR CHOOSING CLEANTECHNICS



- **Longer Service Intervals**
- **Greater Fuel Efficiency**
- **Reduced Engine Wear**
- **More Revenue To The Bottom Line**

Finding ways to reduce maintenance costs just got easier thanks to Cleantechnics International, Inc.

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