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## Cleantechnics introduces filter to extend oil use

HIGH POINT, N.C. — Cleantechnics International Inc. has introduced what the company calls a “revolutionary bypass filter system that substantially extends oil drain and filter change intervals as well as engine life.”

“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 oils,” Bruce R. Thomas, president and CEO, said. “This is not your typical by-pass filter. This technology filters 99.5 percent 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.”

Thomas said normal spin-on or full flow filters are designed to capture only 35 micron and higher particulate contamination.

“It is the smallest contamination that does the maximum damage to the engine acting like sandpaper between pistons and sleeves,” he said. “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 with no end in sight for continued increases in diesel fuel.”

Commercial 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, Thomas said.

“Extending maintenance intervals will cut expenses related to oil changes, including the cost of oil and hydraulic fluid, filters, labor, equipment downtime and waste disposal,” he said. “Excluding downtime, the current annual cost to replace oil filters can be as high as \$3,600 per truck – and that was before oil prices began rising sharply. 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.”

Thomas said the cost savings generated are huge and can be as much as 2 cents per mile, meaning a company with a fleet of 100 over-the-road trucks up to one million dollars in four years.

For more information, call (877) 855-6702.

--The Trucker Staff