

NTZ Micro Filtration

NEWS RELEASE

CITY OF WIXOM POLICE DEPARTMENT FINDING NEW WAYS TO EXTEND SEVERE-DUTY FLEET LIFE

Wixom, Michigan, April 19, 2010 – In their continuing effort to serve and protect the residents of Wixom, the Wixom Police Department has retro-fitted their fleet with high efficiency bypass oil filters. By adding these filters to the vehicles it will extend the life of both the engine and the transmission on these severe duty vehicles, taking the full advantage of this OE proven technology to benefit a limited operating budget. An average fleet life is now expected to stretch to at least 80,000 miles, while minimizing maintenance costs, of which the powertrain is a large contributor.

Sergeant Gary Hamlin became aware of the technology and attended a live demonstration at the test lab of NTZ Micro Filtration (Wixom, MI.), along with head fleet mechanic Mark Clancy. During the visit, an actual Wixom police fleet vehicle was used to demonstrate how quickly the NTZ filter technology could improve the quality of the transmission oil within a 45 minute period.

The NTZ filters provide high efficiency depth filtration (down to 2 microns), which removes 99.997% of the small wear particles, which results in: improved fuel economy (3-4%), longer life of the engines/transmissions, longer engine oil change intervals (up to 15,000 mi); a lower environmental impact through reduced fuel and oil consumption, and reduced oil disposal.

The Department of Energy accepts NTZ filters as a part of the Energy Efficiency and Conservation Block Grants (EECBG), given their ability to reduce

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fuel and oil consumption, for those communities which have been granted this funding.

According to the Society of Automotive Engineers (SAE paper #881825), “the level of filtration in an engine can have a significant impact on wear rates due to abrasive particles. Wear can be *reduced by as much as 70%* by going from a 40 micron filter (typical) to a 15 micron filter.” The NTZ filter utilized in this kit is a 2 micron filter. This translates into longer engine and transmission life.

The NTZ bypass filter is a patented product that is easily installed on any engine or transmission, and is ideal for severe duty/high mileage/prolonged idling vehicle applications. It requires only a simple element change at predetermined intervals to maintain a superior cleanliness level.

NTZ Micro Filtration, a Wixom business, introduced the Police Fleet Filter Kit at last year’s Police Fleet Manager Expo in Milwaukee, Wisconsin. The kit includes a high efficiency bypass filter, all fittings, hoses, and vehicle specific instructions. The filter is designed to work in conjunction with the factory fitted filter(s) and cleans the oil to the finest level economically possible. NTZ is original equipment (OEM) filter supplier and now brings the same level of quality proven products to the aftermarket.

In business for over 30 years, NTZ Micro Filtration is a recognized leader in the development and manufacturing of advanced micro filtration technology for automotive, wind energy, industrial, and aftermarket applications. With Headquarters located in Wixom, Michigan and Manufacturing facilities in Oscoda Michigan the company is ISO/TS 16949, ISO 9001, and ISO 14001 certified. For more information about the NTZ Police Fleet Filter Kit, contact NTZ directly at (Phone: 248.449.8700), www.ntzfilter.com.