

**7500 MONOLEC® POWER FLUID**  
**DETROIT FIRE DEPARTMENT, Detroit, MI**  
Emergency Vehicles • SIC 9199 General Government

**TOTAL FLUID CONSUMPTION DECREASED 50%!**

**CUSTOMER PROFILE**

Detroit Fire Department services the Detroit, Michigan area. They have been an LE customer since 1999.

**APPLICATION**

The fleet consists of 48, 1999-2002 EMS ambulances. These units are equipped with Ford F350 7.3 liter engines and E40D transmissions. They also have 40 pumpers made by 5 different manufacturers, 24 hook ladder trucks, and assorted other vehicles.

**AREA OF CONCERN**

Due to the demanding service placed on the transmissions of the EMS vehicles, they were running hot. These units experienced slippage and extensive internal damage resulting in chronic downtime. They were looking for a quality lubricant that would help reduce downtime.

**LE SOLUTION**

The local LE Representative recommended 7500 MONOLEC® Power Fluid. LE's 7500 is for combination gear-hydraulic systems, hydraulic transmissions, wet brakes, and torque converters. It is nonfoaming in service and rejects water. 7500 also reduces transmission temperatures. This results in reduced sludging and varnish build up, increasing oil and transmission life.



Ed Burney – Assistant Chief of Apparatus

## **CUSTOMER COST SAVINGS**

Since the conversion to LE's 7500, the Detroit Fire Department has been able to extend their oil drain interval. **The total fluid consumption has decreased 50%**. Previously 30 to 40 drums per year were required, now 15 to 16 per year are needed. Transmission failure has been eliminated.

Ed Burney stated, ***"LE's 7500 is second to none!"***

We would like to thank Assistant Chief of Apparatus Ed Burney and LE Representative Cameron Lawrence (pictured) for the information provided to prepare this report.

