

Customer Testimonial



Monolec® Power Fluid (7500)

Detroit Fire Department – Michigan Emergency Vehicles

- *Extended oil drain interval*
- *Decreased fluid consumption by 50%*
- *Eliminated transmission failure*

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 five different manufacturers, 24 hook ladder trucks, and assorted other vehicles.

Challenge

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 lubrication consultant recommended Monolec® Power Fluid (7500), which is for combination gear-hydraulic systems, hydraulic transmissions, wet brakes, and torque converters. It is nonfoaming in service and rejects water. Monolec 7500 also reduces transmission temperatures. This results in reduced sludging and varnish build up, increasing oil and transmission life.

Results

Since the conversion to Monolec 7500, the Detroit Fire Department has been able to extend their oil drain



Ed Burney, assistant chief of apparatus

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, "Monolec 7500 is second to none."

Thank you to Ed Burney, assistant chief of apparatus, and to the local LE lubrication consultant, for providing the information used in this report.



Monolec® is a registered trademark of Lubrication Engineers, Inc.

Based on actual user experience. Individual results may vary. Not intended to supersede manufacturer specifications.

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