

# Customer Testimonial



## Monolec® Power Fluid (7500)

*Disposal Services – Reno, Nev.*

*Allison Models 740, HD4560 & MD3560 Transmissions*

### Customer Profile

Disposal Services of Reno, Nevada, has been an LE customer since 1982. They are a private company providing refuse and recyclable material collection throughout Northwestern Nevada. Disposal Services also operates a large landfill east of the metropolitan Reno-Sparks area.

### Application

The fleet of Disposal Services consists of 160 pieces of rolling stock. Peterbilt manufactures a majority of this equipment. Of these, 120 units are equipped with Allison Model 740 transmissions or the newer Allison World transmissions models HD4560 and MD3560.

### Challenge

In 1982, Disposal Services upgraded from a commercial grade automatic transmission fluid to Monolec® Power Fluid (7500) in all Allison transmissions. In the intervening years through 1992, excellent results were realized, especially relative to transmission component life. In early 1993, Disposal Services received recommendations to use a 15W-40 engine oil in place of Monolec 7500. All units were converted to a premium grade 15W-40 engine oil supplied by a major oil company. New units received were factory-filled with this oil, as well.

Over the next two years, premature failures began occurring, most notably in some of the newer units. These units included those which had never been filled with Monolec 7500. Upon teardown of the failed units, it was discovered that the transmissions were heavily laden with particulate material and oil sludge.

### LE Solution

Remembering their historic success with Monolec 7500, Disposal Services' operations and maintenance management decided to switch back to it in late 1994. All Allison transmissions were flushed and filled with Monolec 7500. Failures immediately ceased and Disposal Services has continued to experience excellent performance from Monolec 7500.



### Results

Monolec 7500 is now purchased in 550 gallon bulk tanks and Disposal Services changes transmission oil in the units annually. Actual dollar savings have not been quantified, but they feel it would certainly be in the tens of thousands of dollars for parts, manhours and lost productivity.

### Other Product Used

- Monolex® Penetrating Oil & Lubricant (2059). Maintenance personnel find that Monolex 2059 is very effective in easing disassembly of rusted parts.

*Thank you to Dennis Freeman, operations manager, Ed Lee, maintenance manager, Joe Fatheree, shop foreman, Marvin Ferrari, parts manager, and to the local LE lubrication consultant, for providing the information used in this report.*



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