

7500 MONOLEC® POWER FLUID

DISPOSAL SERVICES, RENO, NV

Allison Models 740, HD4560 & MD3560 Transmissions • SIC 4953 Refuse Systems

**Extensive use in widely varying applications
has proven that LE's 7500 MONOLEC Power Fluid:**

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|--|------------------------------------|
| • Decreases downtime | • Reduces pump and gear metal wear |
| • Lowers operating temperatures | • Eliminates foam |
| • Reduces corrosive wear | • Produces even power |
| • Reduces parts cost | • Reduces lubricant inventory |
| • Resists water | • Resists oxidation |
| • Allows easier operation in cold temperatures | |

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.

AREA OF INTEREST

In 1982, Disposal Services upgraded from a commercial grade automatic transmission fluid to LE's 7500 MONOLEC Power Fluid 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 LE's 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 LE's 7500. Upon tear-down 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 LE's 7500 MONOLEC Power Fluid, Disposal Services' Operations and Maintenance Management decided to switch back to it in late 1994. All Allison transmissions were flushed and filled with LE's 7500.

Failures immediately ceased and Disposal Services has continued to experience excellent performance from LE's 7500.

**LUBRICATION
ENGINEERS, Inc.**

Leaders in Lubricants

CUSTOMER COST SAVINGS

LE's 7500 MONOLEC Power Fluid 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 PRODUCTS USED

Disposal Services also uses LE's 2059 MONOLEX[®] Penetrating Oil & Lubricant. Maintenance personnel find that LE's 2059 is very effective in easing disassembly of rusted parts.

We want to thank Dennis Freeman, Operations; Ed Lee, Maintenance Manager; Joe Fatheree, Shop Foreman; Marvin Ferrari, Parts Manager and LE Representative Dennis Morgan (pictured) for the information provided to prepare this report.

