



## Duolec® Vari-Purpose Gear Lubricant (1605)

*Findlay Publishing – Findlay, Ohio*

*Harris Graphics Model 845 Printing Press*

- **Tripled oil drain intervals**

### **Customer Profile**

Findlay Publishing is a local newspaper publishing company. They have been an LE customer since May of 1971.

### **Application**

Gearbox on the Harris Graphics model 845 newspaper printing press

### **Challenge**

It is vital in the newspaper publishing industry that downtime be kept to a minimum. While using a commercial grade 90 wt. gear oil, they were experiencing downtime from frequent oil changes and additional lubricant expense.

### **LE Solution**

The local LE lubrication consultant recommended Duolec® Vari-Purpose Gear Lubricant (1605), which is high-performance industrial and automotive gear oil. It is designed for use in any industrial gear or bearing application requiring a thermally stable EP lubricant.

LE's Duolec also meets the requirements for use in many hypoid gear applications used in heavy-duty mobile equipment. It contains exclusive LE additives to increase performance. A shear stable tackifier provides adhesion to the metal during use. Duolec is a dual-acting liquid additive that increases film strength and protects metal surfaces at greater temperatures and loads.

### **Results**

Since converting to Duolec 1605, drain intervals have been tripled, thus reducing gear oil consumption, costly change-out procedures and expensive downtime. Laboratory analysis on Duolec 1605 indicates that wear is minimal and the oil's lubricating properties are still satisfactory for extended use. This results in better lubrication of the gears, less oil consumed and less maintenance, yielding less cost of operation.

*Thank you to Karl Heminger, executive vice president, and to Steve Dean, LE lubrication consultant (pictured), for providing the information used in this report.*





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

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