

## 4622 MONOLEC MULTIPLEX® LUBRICANT

LORBEC METALS, USA LTD., Flint, MI

Scrap Conveyor • SIC 5093 Scrap Metal Recycling

### CUSTOMER PROFILE

LORBEC Metals USA, Ltd. is in the business of recycling and processing both ferrous and non-ferrous scrap metal. Due to the nature of their business, most of their equipment remains outside year round. They are a new LE customer as of January 2001.

### APPLICATION

The primary application concern was a scrap conveyor that was used to elevate aluminum scrap from ground level up about twenty feet where the scrap was dumped into the hopper of a baler. Other applications include a front-end loader, cranes, and the baler.

### AREA OF INTEREST

The volatile Michigan weather can range from a -20°F in the winter to a temperature of 100°F in the summer. During the winter months greasing the outdoor equipment was a problem. The hand pumps were hard to use, as the commercial grease was very stiff. The worst problem was the scrap conveyor that fed the aluminum scrap into the baler. Here the lubrication point had forty feet of lube lines between it and the bearings that needed the grease. During the cold weather it was impossible to get the

lube into the bearings. The pins and bearing on the cranes, loader and baler were also a concern since they were not getting adequate lube.

### LE SOLUTION

The local LE Sales Representative recommended LE's 4622 MONOLEC MULTIPLEX® Lubricant. **LE's 4622 has good mechanical stability, corrosion resistance, extreme pressure performance and a broad temperature range of -40°F to 400°F.** This gives excellent low temperature pumpability and with MONOLEC, LE's exclusive wear reducing additive, it provides exceptional film strength and proven protection against wear.

### CUSTOMER COST SAVINGS

According to Dave Sherbenaut the equipment is getting properly lubed, for the first time, during the cold winter weather. It was impossible to lube the scrap conveyor with the commercial grease they were using since it would not pump up the 40-foot long grease line. Dave felt the bearings and pins would not last using the commercial product. However, LE's 4622 lubricant was getting the job done like no grease he had ever seen. Dave said, "This is great grease, my grease man really loves it."

We would like to thank Dave Sherbenaut, Maintenance Supervisor, and the local LE Representative for the information provided to prepare this report.

Based on actual user experience. Individual results may vary. Product used not intended to supersede manufacturer's specifications.

**LUBRICATION  
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