



Duolec® Vari-Purpose Gear Lubricant (1605)

American Sales Company – Lancaster, N.Y.

Dodge Tigear Gearboxes

- *Lowered operating temperatures by 20-30°F*
- *Extended oil drain intervals*
- *Reduced disposal cost for used oil*
- *Increased production time*

Customer Profile

American Sales Company, Inc. is owned by Ahold USA and is the largest health and beauty goods distributor in the United States. They are the distributors for Tops Markets, Giant Stores, Bruno's, Bilo and Stop & Shop Markets. They have been an LE customer since November 2003.

Application

1 – 3½ hp Dodge Tigear Gearboxes are used to drive conveyors located throughout the distribution facility.

Challenge

The commercial grade gear oil they had been using began foaming and breaking down after extended use. The gearboxes would get so hot that touching them would cause a severe burn. Downtime and lost production was getting very costly.

LE Solution

The local LE lubrication consultant recommended Duolec® Vari-Purpose Gear Lubricant (1605), which is formulated for heavy-duty service in transmissions, differentials and industrial gearing. Duolec 1605 has extreme pressure (EP) characteristics and is long lasting

in service. It is water resistant, non-foaming, and very adhesive, protects against corrosive wear and can reduce over heating.

Results

After installing Duolec 1605 in the gearboxes, the temperatures have dropped 20°-30°F. Since the initial test in one of the gearboxes, all gearboxes have been converted. American Sales Company feels they are saving money by extending drain intervals, reducing disposal cost for used oil, and by increasing production time. They have also avoided the expense of labor and parts costs to rebuild the gearboxes.

Other Products Used

- Almasol® High Temperature Lubricant (1250)
- Wirelife™ Monolec® Penetrating Lubricant (2001)
- Monolex® Penetrating Oil & Lubricant (2059)
- Monolec® Hydraulic Oil (6120)

Thank you to Eric Robinson, maintenance manager, and to the local LE lubrication consultant, 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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