

Customer Testimonial



Monolec® Gear Lubricant (703)

Agriculture Service Company – Southern Minn.

Differentials on Ford “Floaters”

Customer Profile

This Agriculture Service Company has several locations in the state of Minnesota. They offer a complete grain and fertilizer handling service. They have been an LE customer for more than 20 years.

Application

Differentials on Ford “Floaters” used to spray fertilizer on farm fields.

Challenge

While using a commercial brand gear oil in three floaters, they were losing one differential each year. They were aware that the losses would occur when one of the rear wheels would drop off a rut or furrow and spin-out causing an impact on the differential. The spin-out happened fairly often, eventually resulting in failure. With commercial gear oil, the differentials were lasting three years and seemed to be taking turns breaking down, one each year.

LE Solution

Monolec® Gear Lubricant (703) was recommended. It is a multi-viscosity extreme pressure oil. It exceeds requirements for all types of differentials and transmission in highway fleets and off-road equipment.

Results

After switching to Monolec 703, the first differential breakdown did not occur for three years, and the second was after five years. The third floater still has not had a differential break down, even after seven years on Monolec 703.



Personnel were impressed to find a gear oil could virtually eliminate losses they had always accepted as user errors. Management decided to switch several other critical pieces of equipment to LE lubricants.

Other Products Used

- Almaplex® Industrial Lubricant (1275) is used in California Pellet Mill, grease points throughout the plant, and all rolling stock.
- Monolec® R & O Compressor / Turbine Oil (6405) is used in grain leg conveyor gearboxes.
- Monolec R & O Compressor / Turbine Oil (6406) is used in a California pellet mill and the fertilizer mixer gearbox.
- Monolec® Hydraulic Oil (6520) is used in grain augers on grain trucks. It eliminated hydraulic warm up time in sub-zero weather.

Thank you to the personnel at the Agriculture Service Company, and to the local LE lubrication consultant, for providing the information used in this report.

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