



Duolec® Vari-Purpose Gear Lubricant (1605)

Large Gypsum Board Paper Mill – Texas

Black Clawson Gear Reducer

- Extended oil drain intervals

Customer Profile

This large paper mill is a nationwide gypsum product manufacturing facility. They have been an LE customer since February 1996.

Application

This customer uses a Black Clawson #62 Hydro Pulper. Unit #1 is a Liner Pulper and runs 3 days a week on average. Unit #2 is a filler pulper and runs 24 hours a day, seven days a week.

Challenge

While using a commercial grade gear oil, the customer was having problems with water/oil emulsification. The environment for the two pulpers is dusty and moist causing the emulsification to become so severe that the oil was being changed every 500 hours.

LE Solution

The local LE lubrication consultant recommended Duolec® Vari-Purpose Gear Lubricant (1605) to the maintenance department. Duolec 1605 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

With LEAPSM oil analysis, the drain interval for unit #1 has been extended from 500 hours with the competitive product to 10,000 hours with Duolec 1605. Unit #2 has been extended from 500 hours with the competitive product to 6,500 hours with Duolec 1605.

Thank you to the maintenance department, and to Jason Wheelless, 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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