



Almasol® Worm Gear Lubricant (680)

PolyPipe – Sandersville, Ga.

Grove FH242-2 Worm Gearbox

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- Eliminated gearbox failures

Customer Profile

PolyPipe is located in Sandersville, Georgia. They are one of the largest Polyethylene pipe and fitting producers in North America. They are proud members of the Plastic Pipe Institute. They have been an LE customer since 1997.

Application

Worm gears and bronze parts in Grove worm gearboxes.

Challenge

PolyPipe was experiencing failures on their Grove worm gearboxes. These worm gearboxes are used to help pull the polyethylene pipe through the extruders.

LE Solution

Mark D. Jones, LE lubrication consultant, researched the equipment manuals and recommended Almasol® Worm Gear Lubricant (680). Mark explained that these worm gearboxes can not use an extreme pressure gear oil. The EP additives could attack the soft metals in the gearbox and quickly wear away the gear.

Results

PolyPipe has not lost a Grove worm gearbox in more than ten years since using Almasol 680.

Other LE Products Used

- LE 6405 Monolec® R & O Compressor / Turbine Oil (6405) – Davis Standard extruders
- Syntemp® Synthetic Lubricant (9102) – pipe pullers
- Tote-A-Lube
- Flowguard adapters
- Oil Safe
- Des-Case breathers

Thank you to John Mark Thomas, maintenance manager, and to Mark D. Jones, 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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