



Almagard® Vari-Purpose Lubricant (3752)

Pyroshield® Syn Open Gear Grease (5182)

Hanson Pipe & Products – Macedonia, Ohio

Hydrotile Hydropac Model 1444

Customer Profile

Hanson Pipe & Products, located in Macedonia, Ohio, is a concrete pipe manufacturer. They are known to have one of the most modern and automated plants in the United States. They have been in business for 72 years and an LE customer since 1981.

Application

Hanson Pipe & Products uses a Hydrotile Hydropac, Model 144 (double station) to make concrete pipe up to 12 feet in diameter. These machines run nine hours a day, five days a week. The Rotec and pinion gears, along with the bearings in these machines, are constantly under extreme pressure.

Challenge

While using a commercial grade aerosol grease and lithium-based grease, Pipe was repeating lubrication frequently due to pound out. The bearing grease was breaking down because it could not withstand the pressure and heat.

LE Solution

Pyroshield® Syn Open Gear Grease (5182) for the Rotec and pinion gears

- Developed for open gears, which operate in the most severe service. Extreme pressure (EP) lead-free lubricant.
- Can operate in mobile and stationary equipment, inside and outside, in winter and summer.
- Contains Almasol®, LE's exclusive wear-reducing additive.

Almagard® Vari-Purpose Lubricant (3752) for the bearings.

- For extended service under extreme conditions.
- Very tacky, has excellent water resistance and will not pound out.
- Has a rust and corrosion inhibitor.
- Contains LE's proprietary additives Almasol® and Quinplex®.

Results

Jeff Lever, lead maintenance man, states, "We have not lost a bearing due to lubrication, and LE's 3752 and 5182 last much longer in service. I have been using LE for so long that it is hard to remember the problems they had before switching to LE. When other lubrication salesmen show up and ask to make a presentation, they often ask for a sample of my supplier's grease for an impact test. Once the other salesman sees it is LE's 3752, they just pack their products up and say 'have a good day' because they know that their product cannot stand up to LE's 3752."

Other LE Products Used

- Pyroshield® Syn Open Gear Grease (5100) – slide tubes on the Hydropac
- Duolec® Vari-Purpose Gear Lubricant(1603) – hydraulic vibrators' gearboxes.
- Monolex® Penetrating Oil & Lubricant (2059) – all maintenance repairs.

Thank you to Jeff Lever, lead maintenance man, and to Joe Kuntz, LE lubrication consultant, (pictured) for providing the information used in this report.





Almagard®, Pyroshield®, Duolec® and Monolex® are registered trademarks of Lubrication Engineers, Inc.

Based on actual user experience. Individual results may vary. Not intended to supersede manufacturer specifications.

SIC 3272
LI70310 3-13

300 Bailey Avenue • Fort Worth, TX 76107 • Fax: 800-228-1142
LE operates under an ISO 9001 Certified Quality System.



www.LElubricants.com
800-537-7683