



Pyroshield® Syn XHvy Open Gear Lubricant (9011)

Great Salt Lake Minerals – Ogden, Utah

Nordberg Ball Mill

Customer Profile

Great Salt Lake Minerals removes many different potash and salt minerals from the Great Salt Lake. They process potash and salt products to supply customers all over the United States. They have been in business more than thirty years, and an LE customer since 1993.

Application

They use a Nordberg Ball Mill to process the potash and other salt products.

Challenge

While using an asphaltic-based open gear lubricant, they were experiencing many broken pinion gear drives. They were using huge amounts of lubricant, but still having equipment failures. The equipment is exposed to a very harsh, wet, salty environment and cold temperatures. They were experiencing heavy wear and excessive downtime.

LE Solution

Pyroshield® Syn XHvy Open Gear Lubricant (9011) was recommended. Pyroshield 9011 is an exceptionally high viscosity, 100% synthetic base oil lubricant designed for open gears in heavy-duty service.



Results

Since converting to Pyroshield in 1993, Great Salt Lake Minerals has been able to use the same pinion gear with very limited wear. While using the asphaltic based open gear lubricant, they would only get two to three years of use out of the pinion gears.

Thank you to Kenny Church, maintenance supervisor, and to Mike Hansen, LE lubrication consultant (pictured), for providing the information used in this report.





Pyroshield® is a registered trademark of Lubrication Engineers, Inc.

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

SIC 2819
LI70463 04-13

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