

# 9001 PYROSHIELD® SYN-GEAR LUBRICANT

GREAT SALT LAKE MINERALS - Ogden, UT

Ball Mill • SIC 2819 Industrial Inorganic Chemicals

CUSTOMER TESTIMONIAL

## 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 over thirty years, and an LE customer since 1993.



## APPLICATION

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

## AREA OF INTEREST

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

In 1993 Lubrication Engineers

recommended 9001 PYROSHIELD® Syn-Gear Lubricant. LE's 9001 is an extremely heavy synthetic fluid open gear lubricant for ball/grinding mill applications. It is an extreme pressure, nonasphaltic lubricant.

## CUSTOMER COST SAVINGS

Since converting to 9001 PYROSHIELD Syn-Gear Lubricant 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.

We would like to thank Maintenance Supervisor Kenny Church and LE Representative Michael Hansen (pictured) for the information provided to prepare this report.



Based on actual user experience. Individual results may vary. Product used not intended to supersede manufacturer's specifications.

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