

# MINING (USA)

## Dragline

### Castrol Molub-Alloy® 777-2 ES

**ANNUAL SAVINGS: \$20,840**



#### THE SITUATION

A mining customer in Texas was looking to extend the bearing replacement intervals for the trolley roller bearings on their BE 2570W dragline overhead crane.

#### BEFORE

- Bearing replacement intervals were every six to nine months using a conventional EP #2 grease.
- Production loss for the bearing replacements was four hours every interval.

#### AFTER

- Increased bearing service life
- Reduced production loss due to maintenance
- Annual labor and parts replacement costs reduced by \$840.00
- Annual production costs reduced by \$20,000.

#### THE SOLUTION

- Castrol's experienced engineers were able to identify the application as a potential cost savings for the customer.
- The Castrol solution was implemented resulting in cost and production savings.
- The high-performance technology utilized in the Castrol Molub-Alloy 777 ES grease showed improved protection on the bearings resulting in less maintenance cost.

- Right product for right application
- Experience and knowledge brought together with right products

## RECOMMENDATIONS

The equipment used in mining operations is required to work under extreme conditions such as heavy and shock loads, dusty and wet environments, continuous operation and extreme climates.

Experienced on-site staff with access to various levels of services and a full range of lubricants from high-performance to fit-for-purpose are needed to meet the needs of the customer.

Castrol's offer provides the correct level of services and the right products for the applications to meet these needs.

## CONCLUSION

To address the customer's need to extend the bearing replacement intervals, Castrol provided the right offer including Molub-Alloy 777 ES grease and the appropriate services.

The results were extended bearing life, reduced labor and parts replacement costs, and increased production for the equipment.

**Annual Cost Savings: \$20,840.00**



## OTHER POTENTIAL APPLICATIONS

Castrol has a full range of products and services for the mining industry.

- Draglines and shovels
- Various mobile equipment such as trucks, loaders and dozers
- Stationary equipment such as crushers, conveyors and ball mills