

## METALS (Americas)

Continuous Caster Lubrication

Castrol Molub-Alloy 9030 Grease

**ANNUAL COST SAVINGS: \$45,626**

**SIX YEAR COST SAVINGS: \$273,756**



### THE SITUATION

- The Customer was looking to reduce maintenance cost of caster bearings and lubrication-related melt shop downtime.

### BEFORE

- Customer had to use two greases in winter and summer due to pumpability problems.
- Bearing life was six months with 15 to 20 bearings failures per year at a cost of \$400 each.

### THE SOLUTION

- A TechService solution was given to address the challenges in the caster.
- Molub-Alloy 9030-1 was implemented.
- Optimized lube cycles were made.

- **Fully understand the customer's situation and objectives**
- **High-performance grease technology**

### AFTER

- Grease cost was reduced by \$42,336 per year.
- Bearing cost was reduced by \$2,800 per year.
- Labor costs were reduced by \$490 per year.
- Total saving per year was \$45,626.

## RECOMMENDATIONS

- By understanding the needs of the customer and challenges of the application, Castrol's TechService offer was able to provide a single grease that was able to provide reduced maintenance costs and downtime.

## CONCLUSION

- \$45,626 savings in maintenance costs per year
- \$273,746 savings within a six year period
- Castrol Molub-Alloy 9030-1 grease has delivered the desired benefits at the right cost with significant savings.



## OTHER POTENTIAL APPLICATIONS

Castrol Molub-Alloy 9030 performance-based grease is formulated to extend the service life of bearings under heavy loads and elevated temperatures. It provides a heavier oil film for applications with excessive loading at slow speeds and when higher temperatures are sustained for longer periods of time.