

SUCCESS WITH MOLUB-ALLOY OG 8031/6000

in Sugar Mill Bushing Lubrication

SUGAR MILLS (GUATEMALA)
TANDEM MILL – BRONZE BUSHINGS
Castrol Molub-Alloy® OG 8031/6000-00*
ANNUAL SAVINGS: \$31,900



THE SITUATION

- A major cane sugar manufacturer had been using competitor “M” lubricant for bushing lubrication for many years.
- The average consumption of lubricant for bushing lubrication was \$86,000 per season.
- Castrol was challenged by the customer to reduce lubricant consumption and to reduce total maintenance cost.

BEFORE

- The average consumption of lubricant for bushing lubrication was over \$550 per day.

AFTER

Sea son	Cost of Lubrication per season, \$	Days per season	Cost per day, \$
1	\$52,000	155	\$335
2	\$63,812	133	\$480
3	\$44,975	158	\$285
4	\$57,134	176	\$324
5	\$49,880	155	\$322
6	\$59,830	171	\$350

THE SOLUTION

- Castrol Application Engineers thoroughly analyzed the situation and recommended Molub-Alloy OG 8031/6000 lubricant for this application.
- The customer made the decision to try this lubricant for one season to compare with their currently used oil.
- The trial indicated a significant reduction in lubricant cost per day from \$550 to \$335, a **40% reduction**.
- Based on these excellent results, the customer has continued to use Molub-Alloy OG 8031/6000 every season.

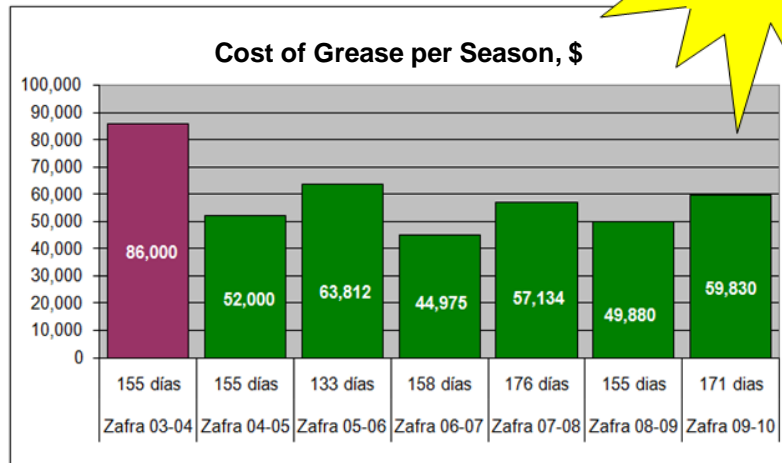
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CONCLUSION

- The Sugar Mill has achieved over **\$191,400 of savings accumulated** in six seasons by conversion to Castrol Molub-Alloy OG 8031/6000 for bushing lubrication
- **Annual Savings: \$31,900**

\$191,400
savings
accumulated in
six seasons



Note: Competitor's grease was last used during the 2003-2004 season. After that, starting with the 2004-2005 season, Molub-Alloy OG 8031/6000 has been used.

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OTHER POTENTIAL APPLICATIONS

Castrol Molub-Alloy OG 8031 is a solvent-free, advanced open gear lubricant containing a special blend of lubricating solids which are designed for heavily loaded, low speed open gears and bushings. Its excellent shear stability and adherence to the metal enables significant usage reduction.

- Excellent for centralized lubrication (spray)
- Works well in sump applications (idler immersion)
- Works best using the "less grease, more often" approach to lubrication