

METALS (USA)

BIO-BASED MILL LUBRICANT

Castrol Performance Bio® GR 8899*

44% REDUCTION IN LUBRICANT CONSUMPTION

THE SITUATION

Castrol Performance Bio GR 8899 was introduced for the first time in a steel mill replacing a conventional lithium complex grease (CLCG).



Roll liners with conventional lithium complex grease

BEFORE

- The roll shop could not determine the condition of the liners until after removing the dark grease with solvents. The work roll liners were reground every year during outages at a significant labor cost.

AFTER

- There are fewer housekeeping issues in the roll shop and rolling mill.
- The condition of the liners is now easily noted through the lubricant without the need for solvent removal.
- No work roll liners have been reground since the changeover.
- Grease consumption on the automatic grease system is reduced by 44%.

THE SOLUTION

- The reduction in lubricant consumption resulted in additional cost savings in maintenance and disposal costs.



Roll liners with Castrol Performance Bio GR 8899



Performance Bio GR 8899 resulted in reduced downtime, maintenance, and disposal costs.

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