

Tire manufacturer replaces steel mill roll with polyurethane-coated roll and gained three-fold improvement in cost efficiency.

Advantages:

- improved wear and abrasion resistance
- eliminated down-time for regrinding and recovery
- improved operating efficiency

A tire manufacturer reported that, following two years of operations, the polyurethane-covered mill roll had retained its original thickness and was still demonstrating excellent resistance to wear and abrasion. Previous operation with the uncoated steel roll had required regrinding three times a year and twice yearly recovery. Because of their consistently reliable performance, polyurethane rolls have become a standard in the industry.