

OTR Repairs

Extending the life of your tire investment

Kal Tire's OTR repair program offers proven performance, cost and sustainability benefits to your operations. Safely restoring your premium tires to like-new condition can add thousands of hours of life, maximizing the value of your tire investment while helping achieve targets for uptime, productivity and sustainability.

Benefits of an OTR tire repair program

- ✓ Extends tire life and improves return on investment
- ✓ Reduces unplanned downtime and production interruptions
- ✓ Lowers risk of tire related incidents and safety events
- ✓ Predictable maintenance planning and repair outcomes
- ✓ Increases confidence in tire reliability and site safety
- ✓ Environmental savings from reduction of resources compared to buying new

Corrective tire repair

- ✓ Repair tires from 24" to 63" in size
- ✓ Applies to injuries on the tread, shoulder and sidewall
- ✓ Major repairs are especially effective on rock-impact damage
- ✓ Rubber-only repairs are used for less severe damage

¹ Based on Kal Tire certification with SCS on the production energy, raw materials and logistics for both retreads and repair vs. the equivalent new tire. The best-case scenario for a sidewall repair on a 53/80R63 cured by electric heat pads resulted in a 99% CO2 saving vs. choosing to scrap and buying new.

² Based on Kal Tire data analysis, this represents the ROI achieved through the extended life provided by retreading and repair compared to a new tire.



UP TO 99%
less emissions than
the production of
equivalent new tires¹

UP TO 700%
return on
investment²



Repair **process**

Tires are brought for inspection

All injuries are inspected

Injuries are prioritized

Assessment on extent of repairs based on remaining tread and condition

Most significant damage is managed first

In winter, tires are required to warm up to room temperature (12 hours+)

Estimated area of injury is marked

Tools are prepared

Rubber is skived from injury to create access



Cut or separated area of tire is removed

Injuries are cleaned and prepared

Tire cement is applied to injury

“Wicking string” is placed inside injury

New rubber is cured

Rubber is ground into and stitched to the tire

Rubber is mixed and hot extruded for use in tire



Contact your Kal Tire sales representative or visit our website to find out how OTR tire repairs can benefit your organization and protect your investment.

