



Moving Mining Forward™

FOR IMMEDIATE RELEASE
SEPTEMBER 2026

Kal Tire brings AI-enabled tyre management and safer service innovations to Electra Mining Africa 2026

JOHANNESBURG, SOUTH AFRICA—As mines strive to increase productivity while reducing risk, costs and carbon footprint, Kal Tire continues to advance its KalPRO™ technology and innovation offerings. At Electra Mining Africa 2026, Kal Tire showcases solutions that combine AI, data and expert teams to enable faster, trusted actions. The company also features the latest innovations in tyre management tooling, designed to make critical work around the wheel safer and smarter.

“Our goal is to help customers solve some of their most pressing challenges and make tyre work as safe as possible for technicians,” says John Martin, vice president, Southern Africa, Kal Tire’s Mining Tire Group. “That commitment continues to drive innovation across an ecosystem of offerings, driving operational improvements across tyre performance, fleet availability, safety, environmental impact and more.”

At Electra, Kal Tire demonstrates new AI capabilities in KalPRO TOMS (Tire & Operations Management System), designed to reduce tyre-related downtime, typically by 20 per cent, by automating planning forecasts, prioritising tyre work and aggregating tyre work more effectively. Beyond the day-to-day productivity gains, sites served by TOMS can elevate their strategy to one that’s proactive and informed by how tyre work impacts fleet use.

TOMS also serves as the planning hub for KalPRO TireSight and HaulSight autonomous inspections. Powered by Pitcrew AI thermal cameras and AI-detection software, TireSight helps mines identify early signs of tyre issues, such as hot spots or tread damage. HaulSight uses truck-mounted Decoda LiDAR and camera sensors to provide instant alerts of haul road hazards such as spillage, undulations and non-compliant berms. Both systems have the oversight of 24/7 condition monitoring teams to assess and prioritise flagged issues, enabling faster haul cycles, less downtime, longer tyre life and better fuel efficiency.

“The value is not just in detecting issues – it is in what happens next,” says Martin. “By combining autonomous inspections with expert analysis and priority-based planning, alerts turn into actions, helping trucks spend more time hauling.”

Kal Tire also features its latest tooling innovations developed to address two critical activities in mining tyre maintenance: inflation and wheel inspections. The KalPRO Goliath-25 is a heavy-duty, web-like containment enveloping the tyre and wheel assembly during inflation, helping to contain components should a catastrophic failure occur. Additionally, the latest version of KalPRO Argus, an on-site wheel inspection solution, uses electromagnetic non-destructive testing technology to detect wheel cracks before they lead to failures, downtime or safety concerns.





“Goliath-25 will help protect technicians from severe hazards while Argus will help remote mines ensure wheels are safe for use,” says Martin. “We continue to look for ways to advance safety, efficiency and value for our team members and customers.”

As mines work to reduce emissions and demonstrate progress against sustainability objectives, Kal Tire supports customers with solutions that help lower the environmental impact of mining tyre management. These include tyre life solutions such as retreading and repairs, as well as sustainability initiatives like the KalPRO Maple Program and KalPRO Thermal Conversion recycling technology.

The Maple Program provides customers with data to demonstrate their sustainability achievements. Annual certificates highlight the mine’s actual emissions savings by choosing Kal Tire retreads or repairs. Certificates also include emissions saved in logistics with regional retreading or repairs versus overseas shipping of new tyres.

To help mines solve the challenge of end-of-life mining tyres, and make the best use of recycled rubber, Kal Tire developed its Thermal Conversion recycling technology, in use at its facility in Chile since 2021. The process transforms end-of-life tyres into valuable commodities: steel, oil and carbon ash for use in a variety of industrial applications.

“What customers gain from the offerings we are exhibiting at Electra Mining 2026 is the ability to make better tyre decisions with greater confidence – decisions that help improve safety, reduce downtime, extend value, manage environmental impact and keep equipment moving,” says Martin. “By bringing together technology, data and experienced teams, we are helping mines turn complex tyre challenges into practical actions that support stronger, more sustainable operations.”

About Kal Tire

Kal Tire is one of Canada’s largest independent tyre dealers and one of North America’s largest commercial tyre dealers with warehouse facilities strategically located across Canada servicing over 280 Kal Tire retail and commercial stores. Kal Tire’s Mining Tyre Group is an international leader providing mining tyre service and supply to more than 230 mine sites across five continents. The company owns and operates five OTR retreading facilities located in Canada, West Africa, Chile and Mexico. Kal Tire employs approximately 7,000 team members. For more information on Kal Tire’s Mining Tyre Group, please visit kaltiremining.com/en/