



Progressive Innovation

## Kal Tire launches KalPRO, a collection of innovative tools and offerings enhancing safety, sustainability and productivity

Drop in on a mine site served by Kal Tire and chances are what you'll see alongside highly skilled teams are KalPRO tools and technology at work: In Colombia, haul trucks are passing a TireSight station; in Canada, a 63" tyre with a shoulder injury that would have otherwise been scrapped is being restored with Ultra Repair™; in Australia, the 50 lug nuts of an earthmover wheel are being removed using a GATR (Gravity Assist Tooling Rig) to weightlessly support a 36-kilogram torque gun.

"All of our innovation tools have helped us make big strides in safety and efficiency," says Dan Allan, senior vice president, Kal Tire's Mining Tire Group. With a growing number of unique and proprietary mining tyre management solutions, Kal Tire brought them together this year under a new sub-brand, KalPRO: Progressive Innovation.

So far, six KalPRO tools have been designed and deployed: WheelJaws, GATR, RamDrive, ValveShield, SpringLock, and PowerFlow. They are simple, effective and robust, and each started with an idea from the field that was then developed at Kal Tire's Innovation Centre in Canada. Now they're making a

difference in the field every day, preventing rocks from displacing valve stems, securing rams during bead breaking or preventing pinched fingers during lock ring removal and installation.

"With every tool that's been successfully adopted in the field, we're reducing those risks that are common in the day-to-day servicing of mining tyres, we're reducing fatigue and we're able to perform tasks with even better workmanship and efficiency. All of that adds up for our teams' wellbeing and our customers' improved fleet use," says Allan.

Six KalPRO offerings—Maple Program, TireSight, TOMS (Tire & Operations Management System), Thermal Conversion OTR recycling, Ultra Repair and Ultra Tread—make it possible to achieve significant improvements in sustainability, productivity and tyre performance.

*"With these tools, we're helping customers solve some of their most pressing operational challenges."*



Take, for example, the Maple Program. When customers choose to retread or repair a tyre with Kal Tire instead of buying new, they receive an annual certificate highlighting actual validated data on emissions saved related to both production and logistics. For an expansive mine with a large fleet, these solutions not only extend tyre life and reduce costs, but also support sustainability goals by reducing emissions, including Scope 3, and provide proven data to use in environmental reporting.

Allan says: "KalPRO offerings show we're committed to innovation and helping customers reach critical goals, and building a more sustainable future together."

## KALPRO TOOLS

### WheelJaws KALPRO INNOVATION



### RamDrive KALPRO INNOVATION



### SpringLock KALPRO INNOVATION



### GATR KALPRO INNOVATION



### ValveShield KALPRO INNOVATION



### PowerFlow KALPRO INNOVATION



## KALPRO OFFERINGS

### KALPRO MAPLE PROGRAM

Proven environmental data for retreads and repairs

### KALPRO TireSight

Autonomous inspections, expert analysis, prioritised service

### KALPRO ULTRA REPAIR

Restores the strength and integrity of tyres with complex injuries to any area

### KALPRO THERMAL CONVERSION

OTR tyre recycling that ensures the best use of recycled rubber

### KALPRO TOMS

A proactive, productivity-focused tyre maintenance planning system

### KALPRO ULTRA TREAD

Restores front tyres on haul trucks to their original tread depth and condition

