



sureseal

www.sureseal.top

## Because Some Wheels Can Never Stop...

In the world of yellow metal, ensuring the longevity and performance of tires is crucial to success. Downtime is a swearword. Period. Especially when it is unplanned. In no sector of vehicle operation do we see vehicles and their tires subject to greater extremes. These are rugged vehicles operating in extreme conditions and it is with this extreme nature of operation that we invented Yellow-X.

Building on the success of our passenger car, commercial trucking and agricultural products we decided to tackle the hardest job of them all. Yellow-X is the only tire sealant developed from the ground up specifically for the rigors and abuse that only yellow metal can exert on a tire.

### Puncture Proof Tires

Tests have shown that Yellow-X will reduce puncture related downtime and it's associated cost by a whopping 95%. Punctures up to 22mm in diameter are sealed instantly and permanantly, in most cases without the operator ever becoming aware there was a puncture. No stopping, no breakdown, just optimal service delivery from your equipment. A patented blend of aramid fibres (think bullet proof jackets), unvulcanized rubber crumb, mica flakes, tackifiers and a huge dose of coolant achieve this.

If uptime be the food of the bottom line, then Yellow-X in your tires is how you eat it!



# A Massive Drop In Tire Temprature...

Yellow-X is absolutely loaded with glycol. The same stuff industry uses as engine coolant or anti-freeze. Not only does this ensure the product won't freeze overnight in colder regions, but it drops operating tempratures by 35% and totally eliminates the formation of hot spots. Excessive heat is arguably the #2 degrader of tire compounds and any reduction in heat leads to a less brittle tire that bounces back for longer.

#### Keep Them Well Fed

The undisputed #1 tire killer over time, is a combination of factors that add to the natural oxidation (think of it like steel rusting) of the tire compound. Heat, friction and the natural hardening of the tire compound cause an increase in brittleness. Brittleness, in turn, dramatically reduces the tire's resistance to hard knocks and reducess it's "scuffability" exponentially

Yellow-X is jam packed with nature identical elastomers. These molecular structures lend pliability to any tire compound, but they dissipate over time. Only Yellow-X is specifically formulated to replenish lost elastomers, constantly nourishing and feeding the tire from the inside out. This makes for a tire that maintains it's elasticity for it's entire working life, making rubber do what is does best: self heal from extreme trauma



## A Seriously High Pressure Game

Tire manufacturers have extolled the virtues of maintaining optimal tire pressure since the invention of the tire. With a simple, but viable reason. Optimal pressure creates optimal tire lifespan. The problem is that tires are not quite as airtight as what most operators believe they are. The rubber compound is porous in nature and loses vast amounts of pressure through the compound itself. Unless your fleet has a daily pressure maintainance shedule, the undisputed facts dictate that you are not enjoying optimal tire life.

The same elastomers in Yellow-X that keep the tire supple seep into the pores of the compound right the way through from inside to out, effectively creating an air barrier that is 1200% more impervious to compound leaks. This means your optimal pressure stays put 12 times longer

#### All About That Bead

The all important bead area of any yellow metal tyre, no matter how large or small, is subject to tremendous tortional force and bead area failure is not totally uncommon. Yellow-X constantly feeds and nourishes the all important bead area for the lifetime of the tire. A lifetime that, overall, is greatly extended by Yellow-X

#### Jean-Paul Cronje

jeanpaul@sureseal.top www.sureseal.top 084 903 1037

