

# CUSHOTHANE® XL-AC™

Runs Cooler, Carries More™



- Engineered specifically for AC-powered trucks
- Highest dynamic load capacity at high speeds
- Lower rolling resistance to extend battery life
- Backed by the industry's only *No Bond Separation Guarantee\**
- SuperSmooth™ tread comes standard to significantly increase performance



**SUPERIOR**  
TIRE & RUBBER CORP.



Management  
Systems  
Registered  
to ISO 9001  
Certified System  
Quality  
ISO 9001

**ENGINEERING REVOLUTION™**

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# CUSHOTHANE® XL-AC™

The counter-balance weight on many trucks puts significant strain on drive tires, primarily while the truck is unloaded. Coincidentally, this is when the truck is operating at it's maximum speed. High speed + heavy load = tire failure. Good thing we engineered a polyurethane tire compound for that.

## The Heavy Duty - Long Run Specialist



**Engineered for AC-Powered Trucks** - Energy efficient compound provides easier rolling, capturing the full performance of the AC-motor and extending battery life

### No Bond Separation Guaranteed\*

With state-of-the-art XL3™ bonding technology, Superior Tire offers the industry's only No Bond Separation Guarantee\* to further reassure the ultimate performance claim in the Cushothane® XL-AC™



### Tires

CL-I	CL-II	CL-III
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

### Load wheels

CL-II	CL-III
<input type="checkbox"/>	<input type="checkbox"/>



## CUSHOTHANE® XL-AC™

Ships Same or Next Business Day

OEM	OEM Part #	Dimensions
HYG®	582073855	13x5.5x9.5
Crown®	79266	13x5.5x8
Crown®	121501	13x5.5x9.5

## 3 Different Mounting Styles

Call for available sizes



### Mold-On

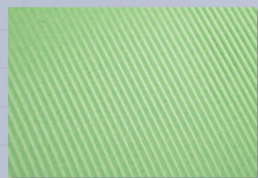
Compound molded directly to hub.

### Press-Fit

Factory pressed to the hub. Hub can be reused.

### Press-On

Traditional, low cost option.



Tread Surface Magnified

## SuperSmooth™ Tread Comes Standard

The SuperSmooth™ tread feature comes standard for all Cushothane® XL-AC™ press-on tires with only 0.015" total indicated run-out. SuperSmooth™ offers greater stability & cooler operating temperatures - providing the operator with a smoother ride and prolonged wheel work-life. This feature is also available as an option for other Cushothane® press-on tires.

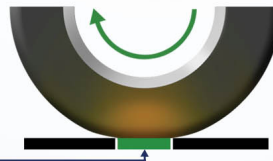
## Energy Efficient Polyurethane Compound

- More energy lost to roll the tire
- Higher internal temperature



Common heavy load compound

- Less energy lost to roll the tire
- Lower internal temperature



Cushothane® XL-AC™ compound

The Cushothane® XL-AC™ is an energy efficient compound that reduces energy lost from tire deflection in the grip generating (contact patch) area. The lower energy loss creates less heat (cooler running tire) that will reduce the chance of meltdown and bond failure and extend usage life. In addition, the tire is also easier to roll and therefore drains less battery power and captures more of the AC-motor performance.

## Site Proven, Customer Preferred

"We changed our traffic pattern so that the reach trucks were traveling the entire length of the facility. The OEM tires were melting down extremely quickly - aftermarket tires worked no better. Our local dealer put the cooler running Cushothane® XL-AC™ tires on the trucks and the meltdown problem simply went away."

- Florida Food Distribution Center,  
Equipment Manager

## Choosing the Right Compound for the Application

	Cushothane® XL™	Cushothane® XL-AC™
High Speed Application	●●●○	●●●●
Heavy Load Application	●●●●	●●●○
Cooler/Longer Running	●●○○	●●●●
Rough Surfaces	●●●●	●●●○

All manufacturers' names, numbers, symbols and descriptions are for reference only. It is not implied that any part is the product of the manufacturer.

\*Refer to terms and conditions at [www.SuperiorTire.com](http://www.SuperiorTire.com)



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