

# Ecopia truck tyres & Bandag retreads.

Leave fuel costs  
behind.



Ecopia M749 & R109

Bandag BDL3 & BRL3

**ECOPIA**



## Introducing the complete fuel saving tyre solution from Bridgestone.

The Bridgestone Ecopia drive and trailer truck tyres combined with market-leading Bandag retreads form the perfect solution to help you slash fuel costs without compromising on tyre performance.

Using less fuel also translates into lower CO<sub>2</sub> emissions. With Ecopia and Bandag you can improve your green credentials as well as your bottom line.

**ECOPIA**



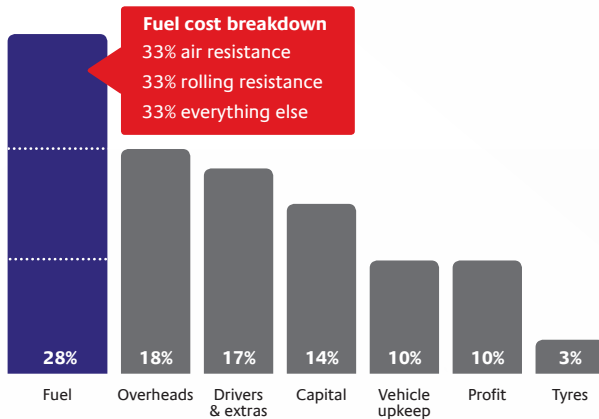
## How much profit are you burning up?

Fleets in Australia typically spend more on fuel than anything else. Fuel can account for around 28% of total costs, while typically only 3% is spent on tyres.\*

What if you could save fuel – and your bottom line – by changing tyres?

Testing shows that tyre rolling resistance accounts for up to 33% of fuel consumption.^ And more than 90% of this resistance comes from the drive and trailer tyres.

### Average fleet expenditure\*



\*Figures based on survey of major fleet customers conducted by Bridgestone Australia.

^Rolling resistance quotients calculated using Secrets of Better Fuel Economy, published by Cummins in 2006.

TO GET INTO  
THE BLACK...  
GO GREEN.

## How much could you save?

Under controlled conditions, Ecopia drive and trailer tyres outperformed the competition. The results show that Ecopia has significantly lower rolling resistance – and lower rolling resistance equals fuel savings.

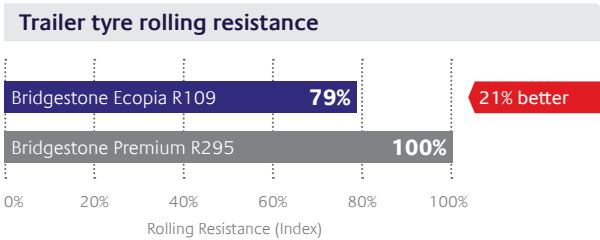
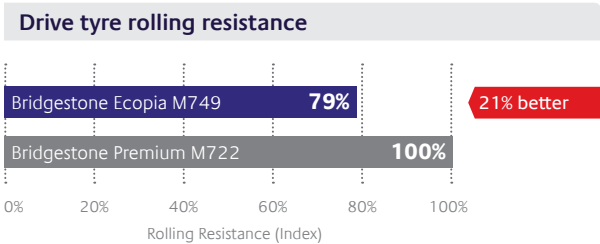
Even switching from the Bridgestone premium product to Ecopia can save you up to 6% in fuel costs\*. This means that if you are spending \$1,000,000 per year in fuel, simply switching from Bridgestone premium brand tyres to Bridgestone Ecopia tyres can save you up to \$60,000 per year.

This could unlock the profits you need to stay viable during tough economic times and in the face of rising fuel prices.

\*Figures based on rolling resistance measurements of Bridgestone premium product and Bridgestone Ecopia then correlated to fuel savings using rolling resistance quotients calculated from Secrets of Better Fuel Economy, published by Cummins in 2006. Actual fuel consumption savings will depend on factors such as vehicle configuration, load, speed and driving style.

## Ecopia for lower rolling resistance.

Bridgestone's new Ecopia tyres are designed to significantly reduce rolling resistance. Measured under controlled laboratory conditions, Ecopia M749 drive and R109 trailer tyres offered 21% less resistance than conventional tyres.





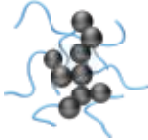

## Tests in Australian fleets have shown fuel savings of up to 6%\*

Both the M749 drive tyre and R109 trailer tyre feature a conventional tread compound and offer a comparable wear life to standard tyres. While saving fuel, the unique casing does not compromise durability, irregular wear resistance or wet performance.

\*Fuel consumption test conducted in 2012 by Bridgestone Australia Ltd. using a 2007 Kenworth T404SAR prime mover and B-Double bulk tankers. The vehicle was run with Ecopia tyres (295/80R22.5 FS400 on steer, 11R22.5 Ecopia M749 on drive and 11R22.5 ECOPIA R109 on trailer) then run with conventional tyres (295/80R22.5 FS400 on steer, 11R22.5 M722 on drive and 11R22.5 R295 on trailer). When fitted with Ecopia tyres, fuel consumption was 6% less than with conventional tyres. Actual fuel consumption savings will depend on factors such as vehicle configuration, load, speed and driving style.

## State-of-the-art casing technology.

The advantage comes from Ecopia's state of the art casing technology. In a conventional tyre's compound, the carbon molecules clump together, causing friction and generating heat, which leads to energy loss. In Ecopia tyres, the carbon molecules remain dispersed, minimising energy loss and friction.

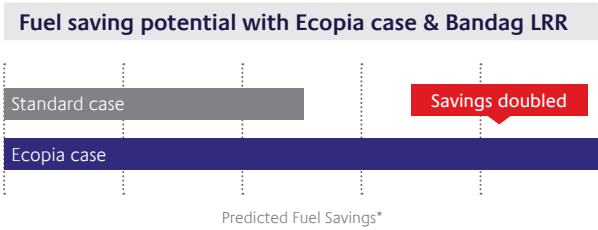
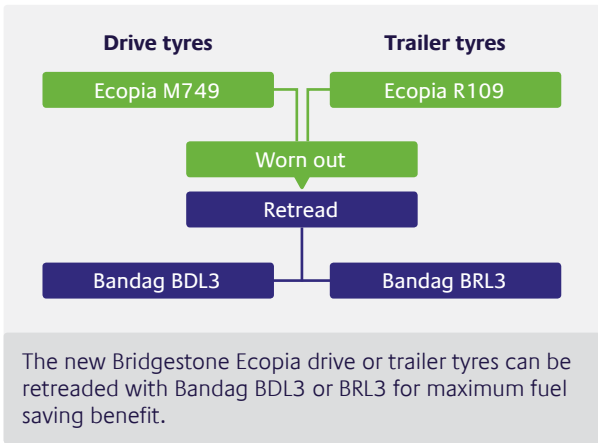
Feature	Conventional Tyre	Ecopia
Tyre Shape		
Sidewall Compound		
Tread Compound	Conventional Compound	Conventional Compound

# Savings for the entire life of the tyre.

The tyre casing of the Ecopia M749 & R109 has low rolling resistance benefits, so as the tyre wears, the advantage is still present. This means you can have the tyres retreaded and retain the rolling resistance benefits for the next life of the tyre.

In fact, when Ecopia casings are re-used in Bandag low rolling resistance retreads, the predicted fuel savings are doubled\* when compared with using a standard casing.

Because Bridgestone Ecopia low rolling resistance technology is in the casing, its fuel saving abilities can be **further utilised by retreading** with Bandag BRL3 or BDL3 tread.



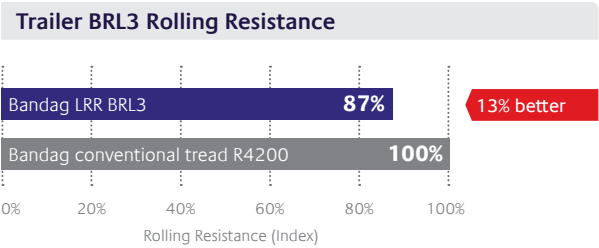
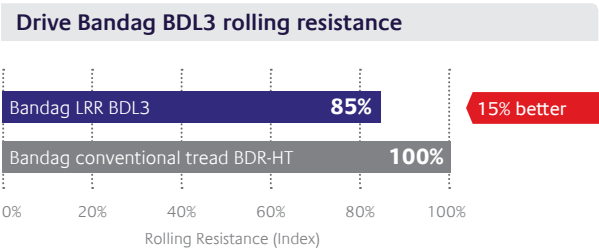
\*Figures based on rolling resistance measurements of Bandag premium retread, Bandag low rolling resistance retread, Bridgestone premium casing and Bridgestone Ecopia casing then correlated to fuel savings using rolling resistance quotients calculated from Secrets of Better Fuel Economy, published by Cummins in 2006. Actual fuel consumption savings will depend on factors such as vehicle configuration, load, speed and driving style.

# ECOPIA & BANDAG A COMPLETE FUEL SAVING TYRE SOLUTION.

## Bandag low rolling resistance retreads.

Bandag's BDL3 drive tyre and BRL3 trailer tyre retreads complement the Ecopia tyre range. With Bandag retreads the tread delivers lower rolling resistance, which results in fuel savings. This is without compromising the durability, irregular wear resistance or wet performance of the tyre.

Bandag is the leader in tyre retreads. Even with laboratory testing against Bandag's own premium retreads, there was a consistent reduction in rolling resistance of at least 13%.





**ECOPIA & BANDAG**  
FOR A SEAMLESS  
SOLUTION.

# ECOPIA TYRES CAN SAVE YOU FUEL.



## Ecopia M749 Drive

The M749 is a fuel saving drive tyre that doesn't compromise on durability, irregular wear resistance or performance in the wet. The directional tread pattern features a conventional tread compound, delivering excellent traction and wet weather handling. Significant fuel savings come from the state of the art casing that can be retreaded to save you in the tyre's next life.

Size	LI/SS	OD (mm)	OW (mm)	Tread Depth (mm)	RPK	RW (inch)	Max Load* (kg) Single / Dual
11R22.5	148/145L	1056	283	18.3	313	7.50-8.25	3075/2830

\*Max Load at 825kPa

## Ecopia R109 Trailer

The R109 is a fuel saving trailer tyre. Like the M749, it uses a conventional tread compound and doesn't compromise on durability, irregular wear resistance or performance in the wet. The R109 can also be used on the steer axle of rigid trucks, further reducing rolling resistance. The state of the art casing can be retreaded to save you in the tyre's next life.

Size	LI/SS	OD (mm)	OW (mm)	Tread Depth (mm)	RPK	RW (inch)	Max Load* (kg) Single / Dual
11R22.5	148/145L	1044	283	11.6	317	7.50-8.25	3075/2830

\*Max Load at 825kPa





# BANDAG... IT'S LIKE DRIVING DOWNHILL.



## Bandag BDL3 Drive

The BDL3 retread is a fuel saving drive tyre with a low rolling resistance tread. It offers excellent traction and wet weather handling without compromising durability or irregular wear resistance. The fuel savings are further enhanced when the retread is applied to an Ecopia casing.

Casing Size	Tread Size	Tread Depth (mm)
245/70R19.5	210	19.0
265/70R19.5	220	
305/70R19.5	230	
285/60R22.5	240	
295/60R22.5	250	
255/70R22.5		
275/70R22.5		
305/70R22.5		
295/75R22.5		
275/80R22.5		
295/80R22.5		
315/80R22.5		
11R22.5		



## Bandag BRL3 Trailer

The BRL3 retread is a fuel saving trailer tyre with a low rolling resistance tread. It offers excellent wet weather handling without compromising durability or irregular wear resistance. The fuel savings are further enhanced when the retread is applied to an Ecopia casing. The BRL3 can also be used on the drive axle of buses and small rigid trucks.

Casing Size	Tread Size	Tread Depth (mm)
245/70R19.5	210	12.7
265/70R19.5	220	
305/70R19.5	230	
285/60R22.5	240	
295/60R22.5	250	
255/70R22.5		
275/70R22.5		
305/70R22.5		
295/75R22.5		
275/80R22.5		
295/80R22.5		
315/80R22.5		
11R22.5		





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*Your Journey, Our Passion*

**Bridgestone Australia**

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