

# PEAK PERFORMANCE WITH MICHELIN TYRES

**ISUZU TRUCKS CHOOSES TO PARTNER WITH HIGH-QUALITY BRANDS FOR PARTS AND COMPONENTRY TO SUPPORT ITS TOP-SELLING TRUCK RANGE—STARTING FROM THE GROUND UP.**

## INTRODUCTION

The Michelin brand has been specifying product for the automotive industry since the company's inception in 1889—over 130 years ago—and providing tyres for the Australian market since the 1940s. They remain one of the leading tyre brands in the world today and are one of the most trusted and recognisable names in global tyre manufacturing and supply.

What all this says is that Michelin understands tyres, and the vehicles those tyres support from the ground up, such as Isuzu Trucks here in Australia.

## RESEARCH & DEVELOPMENT

Michelin is highly regarded for their commitment to constant improvement and investment in research and development. The company invests more than \$1 billion annually to produce the most technologically advanced product, staying on top of current global and local trends including the needs of the Australian truck market and the prevalent operating conditions.

According to Michelin, innovation remains a priority with nine Research & Development Centres and more than 10,000 active patents in its worldwide portfolio.

It's from these strong foundations in product development that Michelin gains an edge over the competition, working towards maximising the performance of their tyres and the associated benefits to consumers.

## THE RIGHT FIT

It's for this reason that many Isuzu Trucks models are designed and engineered to operate using Michelin's range of premium commercial tyres. Tyres affect a large range of operational factors, from expected mileage to the minimum and maximum load that will be borne, down to steering and handling and how a truck will function in varied terrain and temperature conditions.

Depending on size and intended application, Isuzu rigorously tests and calibrates each of its trucks to align with a corresponding tyre and tread design. This is because steering and handling differs widely between tyre brands, with factors such as tread type and road grip influencing performance.

A truck's peak performance—including critical factors such as rolling resistance and cornering ability—is recorded with an array of sensors throughout the truck chassis and engine whilst using these tyres. This ensures that the truck's wheels and steering respond exactly as needed.

A change in tyres can affect carefully programmed parameters such as the yaw rate, causing incorrectly specified tyres to distort as they rotate to accommodate misalignment and consequently generating side forces. In the case of new model trucks, a change in yaw can trigger brake sensors to malfunction, causing a loss of acceleration during turning manoeuvres.



MICHELIN 11R22.5 X® MULTI™ 22

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**QUALITY FOR LIFE**

Ensuring each of the truck's tyres remain correctly specified and accurately fitted in all axle positions—steer, drive and trailer—can have lasting and wide-ranging benefits.

It's a well-known fact that quality tyres will perform and last longer than cheaper alternatives and will offer a smoother, more expected driving experience, which can lead to better fuel economy and assist to reduce wear and tear on related componentry.

The longer life expectancy of premium brands such as Michelin can equate to fewer replacements needed over the truck's lifetime, helping to avoid costly tyre-related incidents. Switching the make or model of the tyres can alter expected performance and potentially compromise the truck's safe operation.

For your peace of mind, Isuzu Trucks has taken the guesswork out of the equation by selecting a premium range of Michelin tyres matched and engineered to support its truck range and your operation.



**ISUZU TRUCKS AND MICHELIN ORIGINAL EQUIPMENT TYPES AND SIZES**

 <b>MICHELIN</b>	215/75R17.5 X® MULTI™ Z	205/75R17.5 X® MULTI™ Z	205/85R16 XJE4	275/70R22.5 X® MULTI™ Z	275/70R22.5 X® MULTI™ D
	195/75R16 Agilis +	195/85R16 XJE4	225/70R19.5 XZE	235/75R17.5 X® MULTI™ Z	265/70R19.5 X® MULTI™ Z
	11R22.5 XZY3	11R22.5 XDY3	295/80R22.5 X® MULTI™ Z2	11R22.5 X® MULTI™ Z2	11R22.5 X® MULTI™ D+



**FOR MORE INFORMATION**

Contact your local Isuzu Trucks dealer: [www.isuzu.com.au/dealer-map](http://www.isuzu.com.au/dealer-map)

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