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MICHELIN 61737

MICHELIN XZE Commercial Truck Tire (Model 61737) User Manual

Model: 61737 | Size: 255/70R22.5

1. Introduction

This manual provides essential information for the proper installation, operation, and maintenance of your MICHELIN XZE Commercial Truck Tire. Adhering to these guidelines will help ensure optimal performance, safety, and tire longevity. Please read this manual thoroughly before installation and use.

2. Safety Information

Always prioritize safety when handling and installing tires. Improper installation or maintenance can lead to serious injury or property damage.

- Ensure all personnel involved in tire handling and installation are properly trained and use appropriate safety equipment, including gloves and eye protection.
- Never exceed the maximum inflation pressure or load capacity specified for the tire.
- Inspect tires regularly for damage, wear, and proper inflation.
- Consult a qualified tire professional for any repairs or complex installations.

3. Setup and Installation

Proper installation is crucial for tire performance and safety. It is recommended that tire installation be performed by a certified professional.

3.1 Pre-Installation Checks

- Verify that the tire size (255/70R22.5) and specifications match the vehicle's requirements.
- Inspect the tire for any shipping damage or manufacturing defects before mounting.
- Ensure the wheel rim is clean, free from damage, and compatible with the tire size.



Figure 1: The MICHELIN XZE Commercial Truck Tire is sold individually. Rim is not included and must be purchased separately or already be available.

3.2 Mounting Procedure

1. Lubricate the tire beads and rim flanges with an approved tire lubricant.
2. Mount the tire onto the rim using appropriate tire mounting equipment, ensuring the beads seat correctly.
3. Inflate the tire slowly to the recommended pressure, ensuring both beads are fully seated. Do not exceed 40 psi (2.75 bar) to seat beads.
4. Once beads are seated, adjust the tire pressure to the vehicle manufacturer's recommended operating pressure. The maximum pressure for this tire is 120 psi.
5. Balance the tire and wheel assembly to prevent vibration and uneven wear.

4. Operation and Usage

The MICHELIN XZE is designed for commercial truck applications. Proper usage ensures optimal performance and safety.

4.1 Load and Speed Ratings

- **Load Capacity:** 5510 pounds. Do not exceed this load rating.
- **Speed Rating:** H. This indicates a maximum speed of 130 mph (210 km/h) under specified load conditions. Always adhere to local speed limits and vehicle capabilities.

4.2 Tire Inflation

Maintain correct tire inflation pressure as specified by the vehicle manufacturer. Under-inflation or over-inflation can lead to:

- Reduced fuel efficiency.
- Uneven tread wear.
- Increased risk of tire failure.
- Compromised handling and braking.





Figure 2: Tread pattern of the MICHELIN XZE tire, designed for commercial applications.

5. Maintenance

Regular maintenance extends tire life and ensures safe operation.

5.1 Tire Pressure Checks

- Check tire pressure at least once a week, or before long trips, when tires are cold.
- Use a reliable pressure gauge.

5.2 Tread Inspection

- Regularly inspect the tread for signs of uneven wear, cuts, punctures, or embedded objects.
- The minimum legal tread depth is typically 2/32 inch for steer tires and 4/32 inch for drive tires in commercial vehicles. Replace tires when they reach these limits.

5.3 Tire Rotation

Consult your vehicle manufacturer's recommendations for tire rotation intervals to promote even wear across all tires.

5.4 Cleaning

Clean tires with mild soap and water. Avoid harsh chemicals that can damage rubber compounds.

6. Troubleshooting

Symptom	Possible Cause	Solution

Symptom	Possible Cause	Solution
Uneven Tread Wear	Improper inflation, misalignment, unbalanced wheels, worn suspension components.	Check and adjust tire pressure. Have alignment checked. Balance wheels. Inspect suspension.
Vibration	Unbalanced wheels, bent rim, tire damage, loose wheel nuts.	Have wheels balanced. Inspect rims and tires for damage. Check wheel nut torque.
Rapid Air Loss	Puncture, valve stem leak, bead leak, rim damage.	Inspect tire for punctures. Check valve stem. Have tire re-seated or rim inspected by a professional.

7. Specifications

Feature	Detail
Brand	MICHELIN
Model Number	61737
Size	255/70R22.5
Rim Size	22 inches
Section Width	25.5 centimeters
Tire Aspect Ratio	70
Speed Rating	H
Load Capacity	5510 pounds
Tread Depth	18/32 inches
Tread Type	Non-Directional
Maximum Pressure	120 psi
Load Range	G
Construction Type	Radial
Seasons	NON_WINTER
Item Weight	58.7 pounds
Ply Rating	16-Ply

8. Warranty Information

According to product information, there is no manufacturer warranty description provided for this product. Please consult your point of purchase for any applicable retailer warranties or return policies.

9. Support and Contact

For further assistance, technical support, or inquiries regarding your MICHELIN XZE Commercial Truck Tire, please

contact your authorized MICHELIN dealer or visit the official MICHELIN website.
MICHELIN Official Website: www.michelinman.com

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