

MICHELIN TRUCK TIRE

TECHNICAL BULLETIN

May 19, 2017

MICHELIN® X® INCITY™ Z SL 305/85R22.5 LRJ (MSPN 62156)

MICHELIN® is introducing a new product for Urban Transit buses. The new MICHELIN® X® InCity™ Z SL tire 305/85R22.5 LRJ (MSPN 62156).

The new MICHELIN® X® InCity™ Z SL tire is for Single Life (SL) usage only. The tires are marked "Do Not Retread" on both sidewalls; however, they may be regrooved to provide extended life in applications where regrooving is practiced. Additionally, Michelin recommends that Urban Transit buses fitted with 12R22.5 or 305/85R22.5 dimensions only use the MICHELIN® X® InCity™ Z or X InCity Z SL tires.



The MICHELIN® X® InCity™ Z range of products is designed specifically to resist the demands of Urban Transit use and provide the following distinctive features:

- Reinforced sidewalls with scrub depth indicators to manage the effects of abrasion from frequent scrubbing on curbs.
- Reinforced bead design to help maintain the casing integrity from exposure to brake heat from frequent stopping.
- MICHELIN® Durable Technologies™ – patented Matrix™ 3D sipe technology to provide extended traction throughout the life of the tire tread.
- Scrub resistant tread compound to resist the demands of frequent turns and stop/start service found in Urban Transit applications.
- RFID tags to communicate with RFID readers to assist in inventory management and tire tracking.



Federal Transit Administration (FTA) testing procedures for buses assume a simulated average passenger weight of 150 pounds. This regulatory standard may underestimate the actual average combined weight of individual passengers and their personal effects. The actual axle loads may exceed the Gross Axle Weight Rating of the vehicle and the maximum load capacity of the tires.

Since tire inflation pressures should be set according to actual loads seen at maximum vehicle occupancy, MICHELIN recommends a cold inflation pressure of 120 psi (830 kPa) for all 12R 22.5 LRH and 305/85R22.5 LRJ size Michelin tires used in Urban Transit bus applications.

End Users should verify that the wheels used have a maximum inflation pressure rating of at least 120 psi.

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