

# TECHNICAL BULLETIN



November 2003

## Use Of Nitrogen as Inflation

Several chemical companies are promoting the use of nitrogen as an inflation gas to the Tire Industry with claims of improved tire performance. The air we breathe and use to inflate tires chemically consists of 78% nitrogen, 20 % oxygen, and 2% other. When using nitrogen as an inflation gas, the composition of nitrogen increases from 79% to near 100%. Michelin supports the use of nitrogen based on its ability to better retain air over a period of time.

MAST approves the use of nitrogen as the inflation gas for all Michelin, BFGoodrich, Uniroyal, and P/A branded tires and will continue to warranty our products with the use of nitrogen.

PM-03-05