



Bridgestone South Africa (Pty) Ltd

Off The Road

P.O. Box 7036

Johannesburg

2000

Phone: +27 11 923 7500

Fax: +27 11 392 2270

URL: www.bridgestone.co.za

NITRALIFE SA (PTY) LTD
P.O. Box 781793
Sandton
2146

Tel; 011 706 7884

Fax; 011 706 5713

Attention: Mr R. Sowry

13 May 2008

Subject: Inflating Bridgestone tyres with Nitrogen gas (N₂).

Dear Sir/s

We would like to thank you in your request on our standpoint on the use of Nitrogen Gas (N₂) in the Inflation of Bridgestone tyres.

Bridgestone has found that Nitrogen (N₂) has definite advantages over air and / or Oxygen gas (O₂) when used to inflate tyres, and recommends the use of Nitrogen (N₂).

The advantages of using Nitrogen will minimize the risk of:

1. Inflation pressure instability
2. Aging of inner tyre
3. Rim rust
4. Tyre fires

Some of the above advantages of using Nitrogen (N₂) in place of Oxygen gas (O₂) have a distinct effect on the life of a tyre.

Bridgestone findings also show that in order for the Nitrogen (N₂) to have an advantage over Oxygen gas (O₂), the Nitrogen gas (N₂) level in the tyre should be at a minimum of 95% or more.

Bridgestone also request that when inflating tyres using a Pressurised gas such as Nitrogen (N₂) or Oxygen gas (O₂), that it is performed by an authorized and fully trained operator.

We trust you will find the above in order.

Thanking you

Ernest Pattison

OEM and Underground Tyres Sales Specialist

Off The Road Division

Bridgestone South Africa