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P.O Box 5000  
Empangeni  
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9 October 2010

EMRS - KZN  
Copper Drive  
EMPANGENI  
3880

Attention: Nkosinathi Mthiyane

**RE: TEST REPORT SURVIVAL LIQUID TYRE SEALANT**

Dear Mr Mthiyane

Thank you for allowing us to test Survival on one of your busses.

Survival Tyre Sealant was installed on the 19 March 2010. The installation was done on the following vehicle:

- KZN 24293 using tyres size 295/80R22.5

The purpose of the test as agreed prior to installation was to prove the extension of the life of the tyres installed with Survival. The second aspect was to prove consistency in tyre pressure. The third aspect was the sealing of punctures and to decrease down time.

The installation was done on the Bus with registration number KZN 24293 and inspections done on the 27 July 2010 and the 9 October to provide information to compile this report. A total of 58294.50km was travelled since the date of installation and the average tread wear is 4.33 millimetres

On inspection outside of the tyres it is clear that there have been punctures that Survival sealed. The full extent will however only be seen once the tyres are stripped and the casings are inspected. Please inform us when the tyres will be removed so further inspection can be conducted and further conclusions on the sealing capabilities can be made.

Considering the average tyre life you currently experience is 6 months or approximately 30,000km I think it is fair to conclude that Survival has significantly saved money for the EMRS and extended the life of the tyres

We trust that you will find the information informative and it will assist you in making a decision regarding the use of Survival Liquid Tyre Sealant in future and reducing the lifecycle cost of your tyres.

Kind regards

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RL Thompson



## HEALTH

KwaZulu-Natal

## MEMORANDUM

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TO	: Mr V Naidoo District Manager
FROM	: NW Mthiyane E.M.R.S. / UTHUNGULU DISTRICT / Operations
DATE	: 20/10/2010
RE	: USE OF SURVIVAL LIQUID IN OUR FLEET

With reference to the above matter

### Background

The department was losing number of spare tyres that ended up with no one to account for. It was resolved that all spare wheels be kept at tyre rack at each base. Each and every time a vehicle had a puncture supervisor drive the tyre out to a punctured vehicle. According to September first Auto report we spent and average of R53.000 on tyre repairs. High expenditure is detected mostly on VW Crafters, one tyre costs R2589.51.

A complaint was received from staff member Mr GT Gumede, they had a puncture on the 30<sup>th</sup> May 2010 on the N2 Tongaat and no one came out for assistance. The vehicle parked the whole day on the road. Tyre suppliers are charging call out fees for any request of tyre change especially busses.

### Trial Base

We fitted one of our busses KZN 24293 with survival liquid in 19<sup>th</sup> March 2010 as a trial. The bus has been running since then with no puncture till to date. The product was tested on the 27 July 2010 and on the 09 October 2010. This proved to be working for us. Reports attached.

### RECOMMENDATION

I recommend that all our vehicles be fitted with this product to improve tyre life span and to seal all punctures.

I look forward to your approval to this project

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NW Mthiyane  
District Operations Manager  
EMRS Uthungulu