

Technical Services  
Rollingstock Engineering

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TO WHOM IT MAY CONCERN



#### VULCANITE PTY. LTD. - SUPPLY OF PRODUCT TO QR

Vulcanite has worked with Queensland Rail Rollingstock Engineering Division to develop specifications for purchasing, to provide technical advice, and to supply scheduled overhaul replacement stock for OEM Metallastik (U.K) products including primary suspension chevron springs and side bearer (bolster rubber) metallastic springs on the bogies of the original electric multiple units (EMUs) which commenced in service in 1979.

Major savings in price, reduction in delivery time and reduced stock held have occurred.

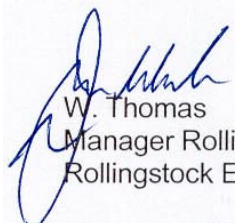
Other benefits have been the individual testing and preloading of each component.

Some of these components have been in service more than three years.

Workshops Group who overhaul the EMUs at Redbank Workshops advise that the product and service has been satisfactory.

Vulcanite has also worked with QR Coal and Freight Services to develop improved chevron springs for Electric Locomotives. Improvements in service life have been obtained as well as reduced cost, delivery time and stock holdings.

Yours faithfully

  
W. Thomas  
Manager Rollingstock Engineering  
Rollingstock Engineering

30 August 2002