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RUD Chain Fitment at Lumwana Mine, Zambia

Aust-Africa recently participated in a RUD chain fitment at Lumwana mine in Zambia's Copperbelt.

Attending the fitment was Brian Vermaak - General Manager Aust-Africa Zambia, William Nguni – Service Manager RUD Southern Africa, Geoff Stork – Tyre Chain Services Zimbabwe, Ken Fagan – Tyre Specialist Hansa Construction, Darren Burggraff – Maintenance Superintendent Lumwana mine and Graham Mould- Cupro Mining.

The Fels Crown X22 chains were fitted to the front tyres (Michelin 55/80R57) of a CAT 994 front loader. With 5 tonnes per chain, fitment took 3.5 hours per tyre including linking and tensioning.

For pictures detailing the procedure, please proceed to page 2 & 3



Fig 1. CAT 944F to be fitted with chains. Needed to have a front tyre replaced before fitting chains



Fig 2. Jacking up the CAT 944F



Fig 3. Ready to have new tyre fitted



Fig 4. Tyre handling machine lining up to fit new tyre onto hub



Fig 5. Folded chain



Fig 6. Hooking the chain onto the lug



Fig 7. Positioning the chain while reversing



Fig 8. Using tic-toc to stretch the chain to join ends



Fig 9. Chain tensioning



Fig 10. Fitting of 2nd chain