

View NIR

Details

NIR 2566 Complete

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Title:	Uncontrolled movement of Mecalac 14
Raised by:	Damon Marii-Metuarii (Plant/Logistics Manager), Aspin Foundations
Defect date:	06 February 2010 23:30
Vehicle type:	On-Track Plant – Possession Only
Vehicle number:	99709_940638-8
Vehicle class:	n/a
Vehicle hirer:	n/a
Vehicle sub-hirer:	n/a
Vehicle owner:	aspin plant
Use being made of vehicle:	Operating in a possession
Systems giving rise to defect:	Slew Valve
Other affected vehicles:	
Defect description:	On Saturday night at READING, Mecalac #85 approx 3 hours into the shift – decided to slew on its own – rotating 360 deg – the operator reported the incident to the on-call fitter who then came to site, when he arrived he stopped and restarted the machine – which temporarily stopped the movement, but then the mecalac started to slew on its own again – the slew lock was put in place to stop the problem as a temporary measure in order to get machine off site and back to the company depot. The fitter thought the problem could be either a cracked or faulty prolec valve and he duly put a “DO NOT USE” notice in the cab and taken out of service.
Geographical location:	Marsh Benham, Reading
Root cause description:	Contamination of hydraulic fluid in the brake valve.
Action taken:	faulty part replaced, system flushed. machine to be used in a non-railway environment for a minimum period of 10 days to ensure non reoccurrence of fault.
Justification for advice:	uncontrolled movement of RRV
For Information:	Currently open for Aspin Foundations