

NZ Safety Alert

Let's work together to keep ourselves and our workers safe.

19 November 2021

ADT mechanical failure

A dump truck operator was travelling towards the quarry and was slowing down to go under a bridge when it felt like the brakes had locked up and the whole tray was thrown up and onto its side. The operator called for help on the RT and the scene was isolated. The vehicle was locked out and all traffic was diverted away from the area.

An inspection of the ADT found a bolt had sheered causing the rear axle to come loose and dig into the haul road, flipping the tray onto its side.



[MinEx data](#) on incidents with the potential to cause harm over the 51 months to Sept 2021 show 30% of all incidents (1284 incidents) involve mobile plant, of which 576 are a result of loss of control of a vehicle.

You need to ensure that:

1. All mobile plant is maintained in accordance with Original Equipment Manufacturers (OEM) recommendations.
2. Safety critical components on mobile plant are identified and changed out in accordance with OEM recommendations.
3. Haul roads are well maintained to avoid potholes and uneven surfaces.

Know of an incident or near miss? Please share the learnings with us.