

## Truck Park Brake Valve Failure

### What happened?

The driver attempted to reposition a Hino 700 truck on a muddy slope, the driver realised that the vehicle's back wheels were chocked. The driver exited the cab and left the motor idling and handbrake engaged. While the driver removed the rear chocks, the truck started moving forward and rolled 50 metres before coming to a stop against fallen logs.

## Wind Farm

### What did we learn?

#### Findings:

Handbrake light was on indicating that the handbrake was engaged  
After a mechanical assessment, it was found that the park brake valve failed and did not exhaust the air from the park brake circuit.  
The failure left the truck in a free rolling state  
Vehicle was left in an engaged state (idling)

#### Recommended Actions:

- Use a secondary braking system (chocks)
- Remove chocks only when vehicle engine is off
- Park brake valve checked during next service
- Park on level ground where practicable
- No vehicle is to be left unattended with the engine running, always switch off the engine before walking away
- Have a regular maintenance programme in place and routinely check brake functionality (fluid levels, start-go, etc.)
- Where practicable and safe to do so when parked on a slope turn the wheels so the vehicle can roll into an object not down a slope

