



## Incident Notice

No 26/07, 28 May 2007

### Incident: Faulty Rim Jammed on Wheel Motor

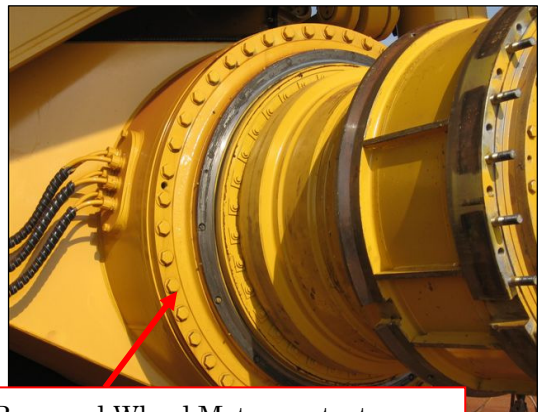
#### Description:

Tyre servicemen removed a tyre and rim from a Komatsu 830E due to tyre failure. After a new tyre and rim were fitted to the vehicle it was returned to service. After approximately one hour the vehicle had significant heat build up in position 4 wheel assembly and a potential tyre/truck fire. The vehicle was stood down adjacent to the ROM which prevented loading into the ROM bin and subsequently affected production for nearly 24 hours.

#### Lesson & Corrective Action:

Upon inspection of the wheel motor it was discovered that the position 4 rim assembly was jammed up against the wheel motor causing damage to the wheel motor and rim. The faulty rim was changed out immediately. It was found that the rim width measured 924 mm; the maximum allowable rim width is 905 mm.

- Electric drive trucks with demountable type rims are particularly susceptible due to small clearances between wheel assembly and wheel motor. New or reconditioned rims should be checked upon receipt of the rims on-site and again prior to fitment for the correct rim width using specifically designed rim width gauges.
- Tyre serviceman must ensure that there is adequate clearance between the back section of the rim base and wheel motor prior to finishing the tyre change as specified in safe work procedures.
- New tyre serviceman note pads incorporating some technical information, Take 5 instructions and a tyre and rim checklist and instructions will be distributed to all sites.



Rim Base and Wheel Motor contact area.

#### Disclaimer:

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