



Technical Bulletin / Safety Alert

Unique ID No: GEN2009-TBSA-01

Rev: 0

(This document supersedes all SMV TB030902)

Subject: Fan Hub Failure

Date: 23/03/09

Applicable to: All machines (N.B. – this may apply to other O.E.M. machines).

Note: Minimum PPE required to carry out any inspections contained in this TBSA shall be protective clothing & footwear, safety glasses, hearing protection & any site specific requirements. A JSA or equivalent should be carried out prior to performing these tasks.

Occurance:

A tradesman was completing routine maintenance on an VLI Diesel Drifrunner with the engine running and the bonnet in the raised position. He heard a loud noise from the engine bay and then saw dust fly from the rib.

Investigation & Cause:

On inspection he found a cooling fan blade had been ejected. The fan hub was also found to be cracked in multiple places.

Recommendations:

Immediate Action:

All machines with diecast type fan hubs to be inspected for signs of cracking, any item found defective should be replaced immediately.

Guarding should also be inspected for security & to ensure adequate coverage.

Future Action:

Fan inspections to be done at weekly/50hr service intervals as a minimum.

Suitability of guarding to be reviewed.

Supporting Documentation:

Conclusion:

On receipt of the failed item an inspection will be carried out to determine the cause of failure & a revised Technical Bulletin issued with recommended actions.

Please ensure this document is circulated to all relevant personnel within your organisation.

Should you have any further queries please contact your VLI Diesel Representative.

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