

Brake Bands

INCIDENT

Brake band parted above connecting links when attempting to slack off weight.

FAILURE:

- Bands failed due to excessive flex and prior damage.
- The bands were welded instead of being replaced.

LATERAL LEARNING:

- Inspect brake bands every 6 months.
- Do not repair damaged bands but replace them with new ones instead.
- Take the connecting link pins out once per month and clean and re-grease so there is free movement of the band.

By failing to lubricate the pins and keep them lubricated excessive flexing was administered above the welded areas which caused the failure.

Never weld - replace with new bands!

