



3707

Unsolicited brake application of Sabwaco C3W

Raised By: [Michal Kowalski](#) (Technical Director), Touax Rail

Defect Date: 26 August 2020 23:15

Vehicle Type: Vehicle (Locomotive, Coach, EMU, DMU, Wagon etc.)

Vehicle Number: GERS 89005

Vehicle Class: TEA

Vehicle Hirer: Touax Rail Ltd

Vehicle Sub Hirer: n/a

Vehicle Owner: Touax Rail Ltd

Vehicle Use: Transporting freight / materials

Restrictions Applied: Immediate safety check of TEA fleet to check for mechanical security and a check for air loss on relay valve connection using soapy water when charged with air.

Defect Systems: Brakes / WSP / Adhesion / Lubrication

OEM Part Number: n/a

Vehicles Affected: TEA (Wagon)

Defect Description: • Vehicle type – TEA tank wagons fitted with Sabwabco C3W distributors and associated relay valve(s).

• In service a wagon had an unsolicited brake application. At point work the wheelset became derailed with

serious consequence.

- Strip down of the brake equipment revealed that the relay valve was loose; two small O rings were displaced and one had migrated and wedged between two larger ports, possibly creating a pathway for air give an unsolicited brake application.
- An immediate safety check of TEA fleet is underway to check for mechanical security and a check for air loss on relay valve connection using soapy water when charged with air.
- The incident is being investigated by RAIB and we await their conclusion.

Geo Location: Llangennech

Action Taken: Immediate safety check of TEA fleet to check for mechanical security and a check for air loss on relay valve connection using soapy water when charged with air.

Justification For Advice: Not yet known root cause of loosening the connection.

For Information: Currently open for Touax Rail

Notified: 18/09/2020 16:33

Acknowledged: n/a

Last Review: 18/09/2020 16:33 ()

Status: Awaiting Acknowledgement