

TIAN HWEE LONG ENTERPRISES

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Technical Report for TRC8055K

The air brake system and the front axle of the above mentioned chassis are damaged due to the fire incident on 15 May 2023. Further to our assessment after disassembly of the axles, there are a few factors that may have contributed to the jammed brakes:

- Air brake system leakage
- Damage to air brake system while moving
- Sticky brake dust due to rain
- Insufficient air supply from prime mover
- Wheel misalignment which results in imbalance braking

This incident could be resulted due to one of the factors or a combination of the above factors. As a precautionary measure, we will recommend to conduct a full servicing of both axles and air brake system. We will replace all necessary parts if needed.

Just to highlight, the air brake system (with double brake chambers) can be sensitive to air leakage in particular. As such, a full replacement of the air brake system is one of the ways to minimize potential jammed brakes. The estimated cost will be about \$1100 (including labour charges, excluding GST).

Regards

Josh Pang

Tian Hwee Long Enterprises