

## **Flat Wagon PBA 128 (Crane Match Wagon for Crane CB5968 (FBC1) underside inspection 27/2/21 – Fraser White**

Keith Bowers and Fraser White carried out the inspection.

### General Structure of underside

This is in fair condition through-out. Loose paint was removed. Rusty metal should be treated with a mixture of grease and old engine oil. The top planking was replaced in 2019 and is in good condition. The beams on which the planks fit were mostly painted in 2019 but the work is incomplete.

### Wheels and tyres

Tyre profiles to be checked. The wheels and axles are covered with thick loose paint which should be completely removed.

### Axles

There is some deep pitting. Most of the axles have had the loose paint and rust removed. They should be treated with a mixture of grease and old engine oil.

### Axleboxes

These were inspected and topped-up, as required, in November 2020.

### Drawbars, shock absorbers and leaf springs

End nut and split pin to be lubricated to provide some protection against corrosion. The assembly appears to be sound but in need of protection. The leaf springs are corroded but no leaves are broken. One leaf spring has a broken buckle. (Post inspection note. This spring was removed, stripped down, refurbished including welding of the buckle, and the spring lubricated and replaced on to the wagon. This awaits confirmation from LC&W manager that it is fit for purpose)

### Brakes, linkages and brake blocks

The brake levers act on both wheels on one side. This is the case on both sides of the vehicle. All the linkages are free and have been oiled. The brake linkage fall arrestors are present and in reasonable condition. Brake shoes have sufficient depth of metal and the brakes operate correctly on both sides.

### Other brakes

There are no vacuum or air brakes fitted.