



# Slinden Services Ltd

Cast Iron Welding & Metal Stitching Repairs



## Calendar 4 Gearbox Casing

When a renowned tyre manufacturing company contacted us requesting emergency repairs of a broken Calendar 4 gearbox casing and cracked cover plate, along with the two main bearing housings which had brought production to a halt, we were more than happy to help them out!

Urgent “around the clock” repairs began as soon as we had collected the components and brought them to our Derbyshire workshop, in order to enable the business to continue their production and minimise downtime.

The gearbox casing and cover plate were stripped and crack tested before fusion welding to our Lloyds approved procedures for cast iron. They were then shot blasted, followed by grinding to existing shape. Next, full machining was carried out to all faces, re-drilling and tapping of holes, making a sleeve and fitting to ensure bearings would fit, and then returned to site.

The refurbishments to the bearing housings involved the removal of the old bronze inserts, fitting of new ones manufactured by ourselves, machining of all internal faces as needed to drawings supplied, drilling of an oil hole, before cleaning, dressing and returning to site.

The gearbox was also taken to be laser scanned so that we can assist with the casting of any new gearboxes required in the future.

For any Emergency Industrial Repairs, contact us for an initial survey/quotation.

- Lloyds Welding Procedures
- Machining Facilities
- Full Crack Detection
- Casting of Parts if Required
- 24 Hour Emergency Service
- All Work Guaranteed

*Breathing new life  
damaged cast iron components*

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