Workshop Reconditioning of Damaged Crankshafts

In addition to Goltens' market leading capabilities to machine crankshafts in place, Goltens stations around the world also have the capability to recondition and anneal damaged crankshafts in the workshop.

When in-situ machining is impractical due to the extent of damage on the crankshaft or a lack of space in the engine compartment, the crankshaft will need to be removed.

Goltens has a long history of reconditioning damaged crankshafts in our workshops around the world. Many stations are equipped with precision centerless grinding machines that enable Goltens to recondition damaged crankshafts with exacting standards.

Over the decades, Goltens has refined a process for annealing crankshafts and other shafting to remove excessive hardness and can do this successfully in-place as well as in our workshops around the world. A deep understanding of the metallurgy, expansion characteristics and safety precautions has been developed and refined over the years into a safe, repeatable, highly controlled process.

In the event the crankshaft cannot be salvaged, Goltens is often, via our Global network, able to supply fully reconditioned replacements at a fraction of the cost of a new crankshaft from the makers.

Goltens' Advantages

- Decades of experience reconditioning thousands of crankshafts of all types
- Stringent quality control standards and procedures with class approved results
- Capability to support you through the full lifecycle of the job with our complete range of on-site diesel inspection, repair and reconditioning services

Typical Repairs Performed

- Full NDT inspection (Magnaflux and Hardness)
- Hardness Removal via annealing
- Crankshaft Grinding and Polishing
- Crankshaft Straightening

Range of Sizes Handled

- Up to 7 meters in length
- Up to 4.5 Tons

Goltens
Trusted Globally