

Bringing new life to your old components

DIESEL ENGINE RECONDITIONING

Ciserv CGL Industries Ltd., an ISO 9002 certified reconditioning workshop, is a world leader in the reconditioning of Main and Auxiliary engine components for all major two and four stroke engine types. We are an authorized reconditioning facility for **Wartsila North America, Mitsubishi Heavy Industries** as well as serving all other major engine manufactures components such as **MAN/B&W Pielstick, Yanmar, Daihatsu** etc. We are Lloyd's certified for our in-house Chroming process.

Below are several examples of components reconditioned back to original manufactures specifications. Ciserv CGL Industries utilizes the latest technology to achieve the highest degree of quality demanded by our customers such as modern CNC machines, Stress-relieving, Ultrasonic testing provides comprehensive pre and final reports for evaluation prior to commencing and after completion of reconditioning various components.



CISERV
A Wärtsilä Company

CISERV CGL INDUSTRIES LTD.

Marine & Industrial Component Reconditioners

Wartsila North America Inc • Mitsubishi Heavy Industries

ISO 9002 Certified • Lloyd's Register Approved • Established 1920

Ciserv CGL Industries is adjacent to Vancouver, Canada in a 60,000 square foot facility and employs a highly skilled staff focused on impeccable quality and quick turnaround times working six-days a week, round the clock service. All fully reconditioned components are warranted for a one-year period against workmanship defect. To complete the reconditioning experience we also have our own in-house personnel to look after all transport requirements to and from our workshop that looks after all details required for fast, efficient, cost effective movement of goods.

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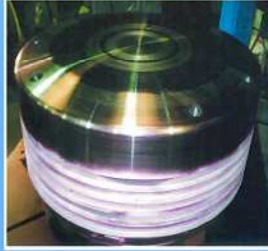
Upon receiving components for reconditioning, a digital picture is taken and a thorough inspection is carried out to determine the scope of work required.

As the job progress through the shop, our trade's people complete various special process forms to note Ciserv CGL's work order number for future product traceability.

All jobs must be final inspected as per our ISO requirements before they can be shipped. This final report is provided to the customer detailing the work completed along with any 3rd party inspection, if required.



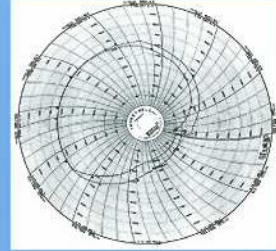
All components are pre-inspected and the report is forwarded to the customer



A pre-machined crown is checked for cracks prior to welding



Weld build-up is performed using the latest state-of-the-art equipment and technology



Stress-relieving is performed on-site using calibrated equipment and is documented on chart as above



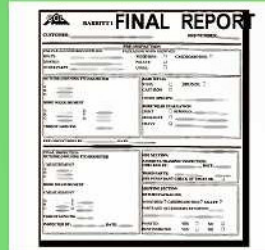
All components are sandblasted to remove any carbon deposits to aid in efficient heat transfer



Finish machining is performed utilizing modern CNC equipment to ensure components adhere to manufacturer's specifications



Upon completion of chroming operations, we complete the process with our grinding procedure to ensure flat and parallel ring-groove lands



After completion a final report is prepared by a quality inspector ensuring drawing sizes and tolerances



This Cylinder Cover shows pre-machining through the cooling bores, injectors, air and safety bores in prepare for welding



Babbitt Bearings are centrifugally cast and final machined under torqued condition to minimize fitting operations upon installation



Water-cooled Exhaust Cages involve removal of seat, manufacture of new seat and welding in-place with final machining and pressure-testing



Piston Skirt rubbing band being hydraulically rolled into place before finish machining



Auxiliary Conrods are cleaned, crack-detected, serrations lapped, torqued and finish ground to remove ovality

Contact Information

It is our intention to conduct business with prompt reliable service, integrity and competitive prices. We would be pleased to provide our services and would welcome the opportunity to quote on your projects as required.



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