



dmi dubai



A global player and market leader in surface engineering, Diesel Marine International (DMI) has vast experience in servicing and reconditioning industrial and marine engine components. DMI Dubai is a part of the worldwide network of 'service points' and 'exchange pools' for industrial and marine diesel engine components.

reconditioning/workshop services

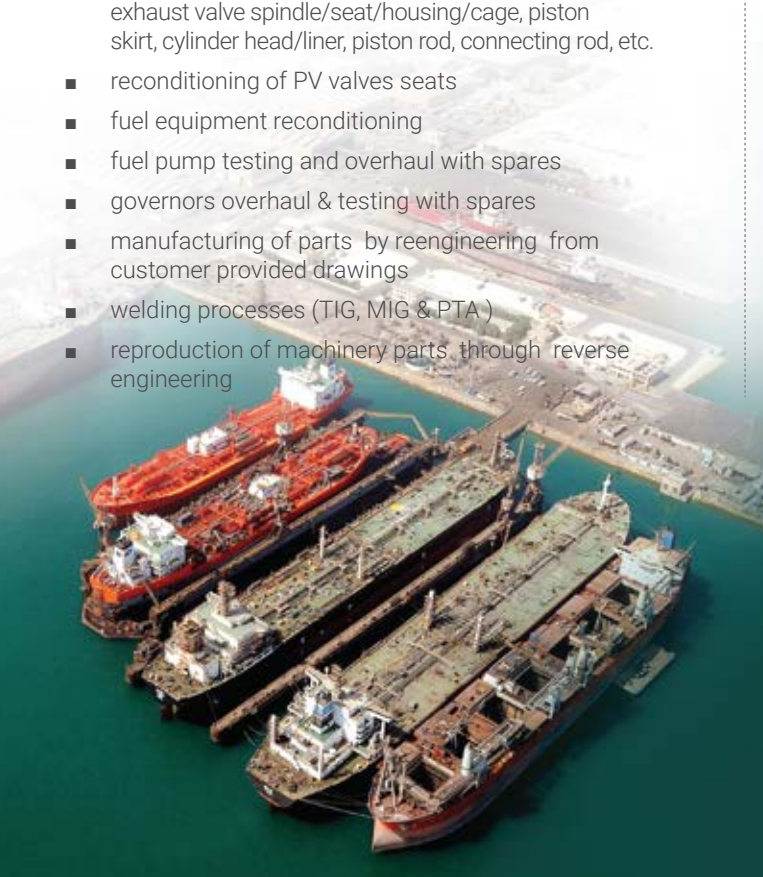
reconditioning of 2 & 4 stroke engine components
testing and overhaul | manufacturing of components
reverse engineering

- reconditioning of piston crown, cylinder cover, exhaust valve spindle/seat/housing/cage, piston skirt, cylinder head/liner, piston rod, connecting rod, etc.
- reconditioning of PV valves seats
- fuel equipment reconditioning
- fuel pump testing and overhaul with spares
- governors overhaul & testing with spares
- manufacturing of parts by reengineering from customer provided drawings
- welding processes (TIG, MIG & PTA)
- reproduction of machinery parts through reverse engineering

field/on-site repair services

engine overhaul | repair & modifications | spark erosion
ancillary equipment | metal stitching | hydraulic services

- overhauling of all engine room machineries (M/E, A/E), purifiers, compressors, pumps (changing from gland packing to mechanical seal), heat exchangers, valves, etc.
- laser alignment and line boring
- engine performance analysis
- overhauling of hydraulic machineries (crane, bow, thruster, steering gears, hydraulic pumps, power packs, etc.)
- overhaul of NABCO maneuvering system on board
- technicians (CDC holders) are available to sail with the ship for repair services



bearing remetalling service

DMI Dubai has vast experience in refurbishment of white metal lined bearings and sealing components. DMI Dubai specializes in manufacturing and refurbishing rotating equipment's bearings. The facility has the capacity to manufacture and re-metal babbit bearings of any size, type and quantity. Composition analysis and ultrasonic bond testing are available in order to ensure high quality standard for bearings.



to engineer

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ديزل مارين انترناشيونال دبي (ش.ذ.م.ا.)



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dmi dubai

specialized services (available through group companies)

- foundry (ferrous & non-ferrous castings)
- heat treatment
- electro & electroless plating
- thermal spray
- CNC machining
- crankshaft grinding
- welding & fabrication
- hydraulic services

heat treatment

- induction hardening
- TRIBOX: quench, polish, quench equivalent process
- liquid nitriding
- case hardening & stress relieving



foundry

- single piece ferrous castings up to 3.5 tons in steel and 6 tons in cast iron
- casting of special alloys (Ni-resist cast iron, manganese, steel, high chrome steel, duplex & super duplex stainless steel and aluminum bronze)
- centrifugal casting of ferrous & non-ferrous metals



surface technology/ protective coatings

- plating services (hard chrome, nickel chrome, electroless nickel, sulfamate nickel & zinc)
- copper plating for anti-galling of threaded connections
- phosphating



hydraulic services

- specialized hydraulic design, build and services
- refurbishment/upgrades of hydraulic rig jacking systems and offshore cranes
- supply, install, flush, test and commission hydraulic piping systems upgrades and conversions to hydraulic systems
- on-site hydraulic, electrical & electronic diagnostic services



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