

BELZONA® KNOW-HOW

FOR THE REPAIR, RENOVATION AND RECLAMATION OF
ENGINES AND CASINGS



BELZONA® ENC SYSTEM SELECTOR FOR ENGINES AND CASINGS

SYSTEM	APPLICATION
Belzona ENC-1	Repairing damaged casings
Belzona ENC-2	Reforming stripped threads
Belzona ENC-3	Rebuilding oversized bearing housings
Belzona ENC-4	Reseating cylinder liners
Belzona ENC-5	Rebuilding liner seals and seats
Belzona ENC-6	Repairing erosion-corrosion damage
Belzona ENC-7	Rebuilding and resurfacing mating surfaces
Belzona ENC-8	Casting and repairing resilient mountings
Belzona ENC-9	Protecting insulation
Belzona ENC-10	Repairing hoses and pipes
Belzona ENC-11	Repairing turbo blower damage
Belzona ENC-12	Repairing battery cases and protecting trays

BELZONA KNOW-HOW

The applications for Belzona Systems are limited only by the user's imagination! Additional information is available on Belzona Know-How for the repair, renovation and reclamation of:

- Centrifugal Pumps
- Heat Exchangers
- Mechanical Power Transmission
- Ships and Offshore Structures
- Valves, Pipes and Fittings
- Positive Displacement Pumps
- Solids Handling Machinery
- Fans Blowers and Compressors
- Tanks and Chemical Containment Areas
- Engines and Casings
- Gaskets Seals and Shims
- General Equipment

Please Call or write for additional information.



BS EN ISO 9001 - 2000
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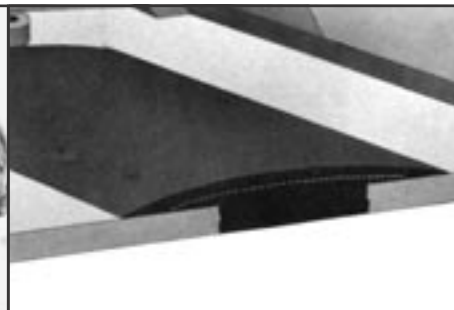
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CASINGS

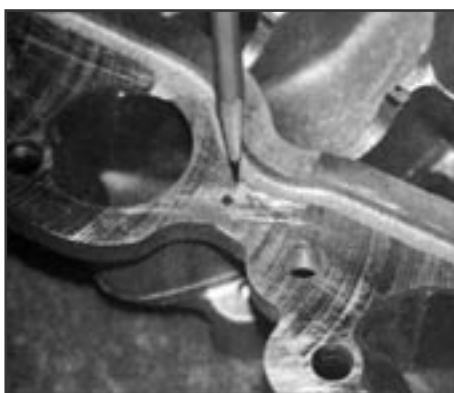
- Repair holes.
Refer to Belzona ENC-1.
- Repair cracks.
Refer to Belzona ENC-1.
- Fill casting voids and defects.
Refer to Belzona ENC-1.
- Seal porous castings.
Refer to Belzona ENC-1.



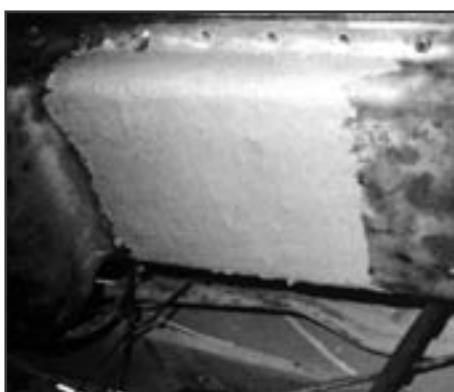
Belzona ENC-1



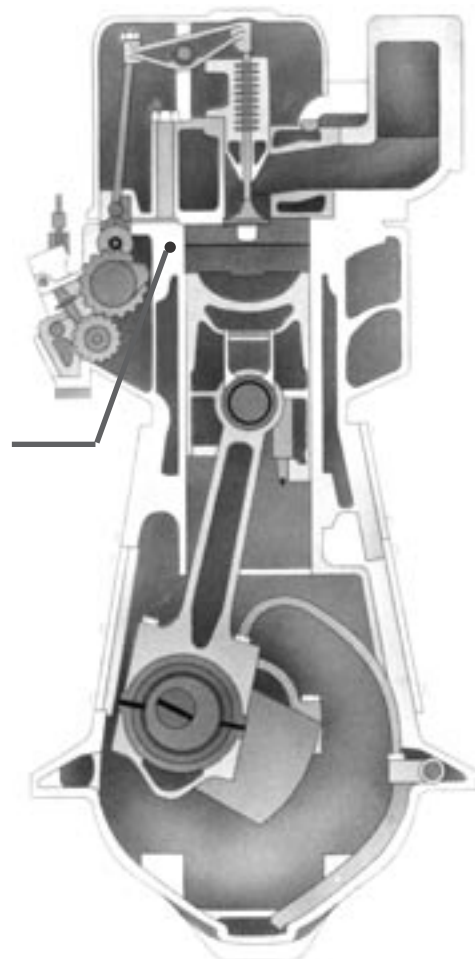
Belzona ENC-1



Belzona ENC-1



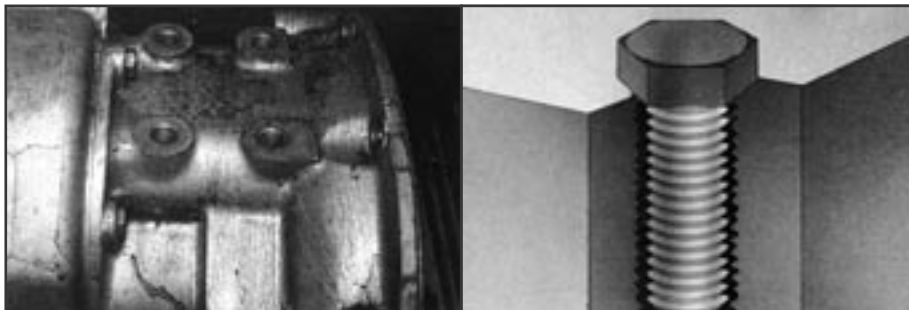
Belzona ENC-1



CASINGS

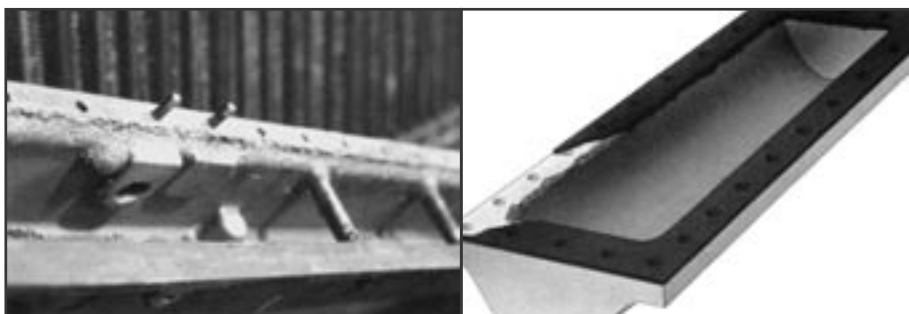
- Rebuild stripped threads.
Refer to Belzona ENC-2.

- Rebuild and seal eroded or distorted flanges.
Refer to Belzona ENC-7.

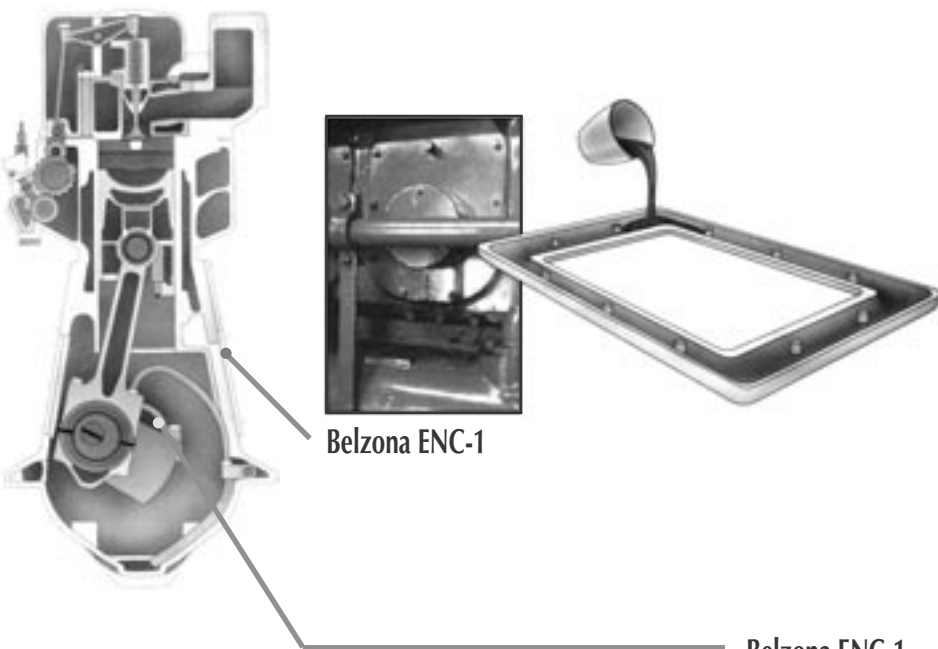


Belzona ENC-1

- Seal access doors.
Refer to Belzona ENC-7.
- Reseat and mount bearing shells.
Refer to Belzona ENC-3.

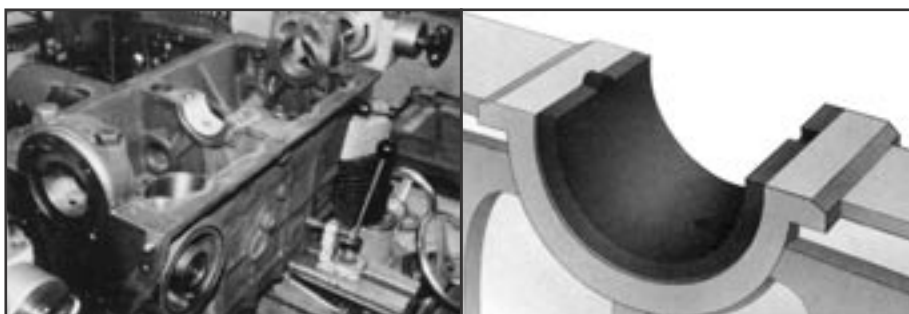


Belzona ENC-1



Belzona ENC-1

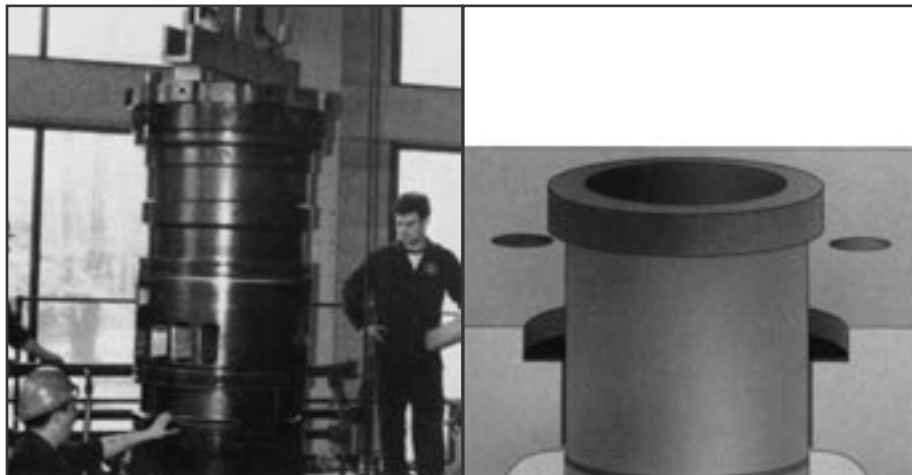
Belzona ENC-1



COOLING SYSTEMS

- Reseat cylinder liners.
Refer to Belzona ENC-4.
- Reform o-ring grooves.
Refer to Belzona ENC-5.
- Seal leaking hoses and pipes.
Refer to Belzona ENC-10.
- Repair erosion and cavitation damage.
- Rebuild and coat water pumps.
Refer to Belzona ENC-6.
- Rebuild water passages and ports.

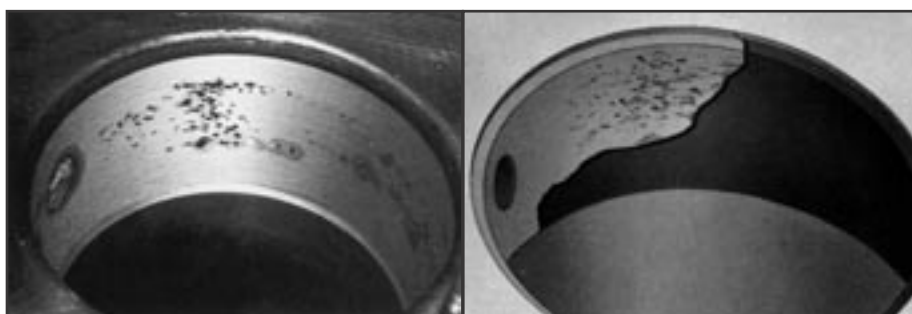
Refer to Belzona ENC-6.



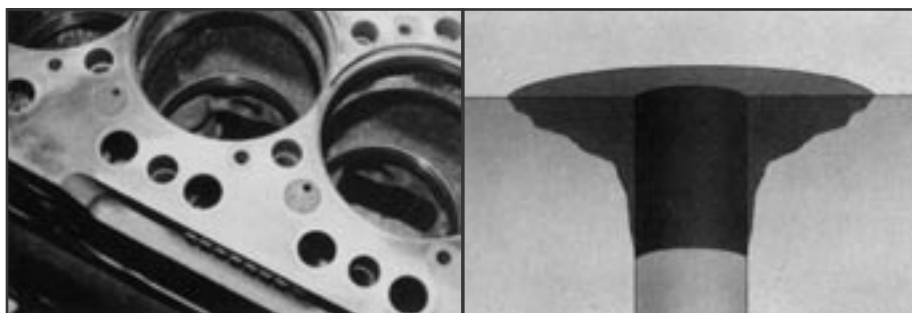
Belzona ENC-4



Belzona ENC-5



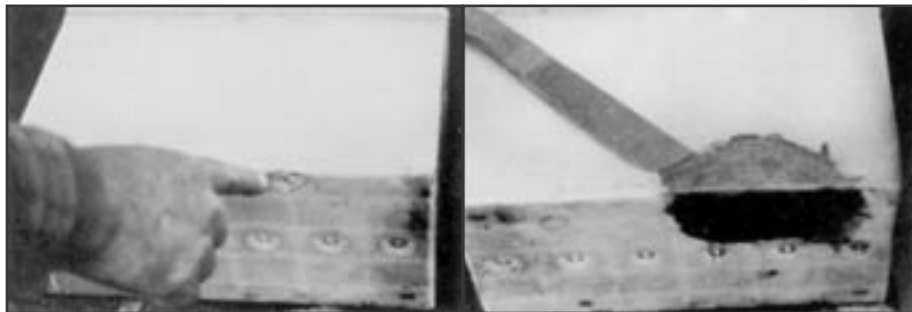
Belzona ENC-6



Belzona ENC-6

AUXILIARY SYSTEMS

- Repair cracked battery cases.
- Reseat loose battery posts.
Refer to Belzona ENC-12.
- Repair and protect battery trays against corrosion.
Refer to Belzona ENC-12.
- Rebuild alternator casings.
Refer to Belzona ENC-6.
- Repair leaking fuel tanks.
Refer to Belzona ENC-1.



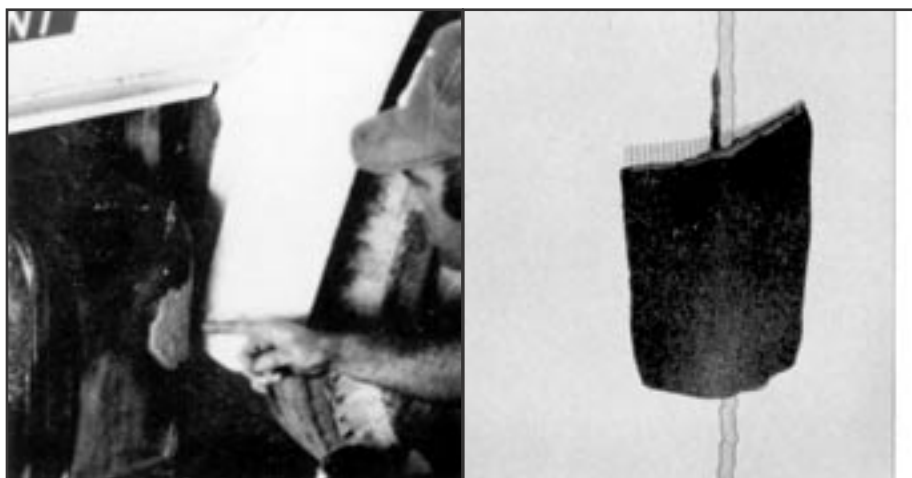
Belzona ENC-12



Belzona ENC-12



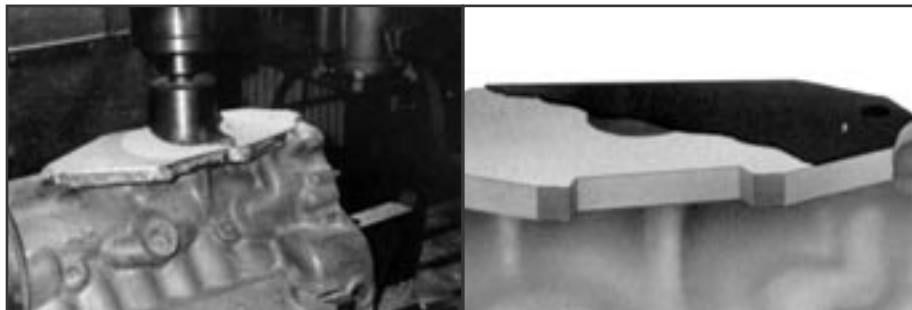
Belzona ENC-6



Belzona ENC-1

MOUNTINGS

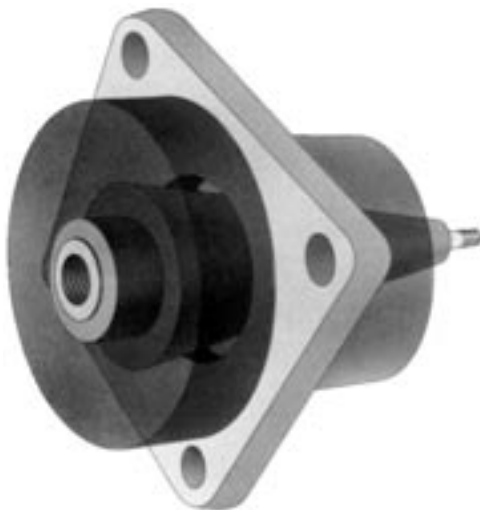
- Shimming and resurfacing for auxiliary equipment.
Refer to Belzona ENC-7.
- Casting and repairing flexible mountings.
Refer to Belzona ENC-8.



Belzona ENC-12

EXHAUST SYSTEMS

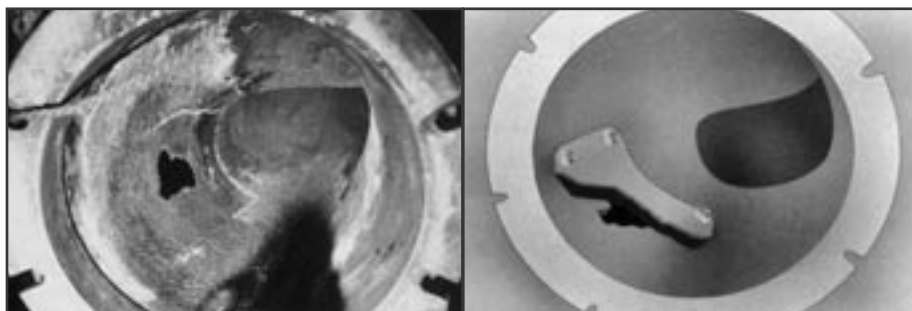
- Protect insulation.
Refer to Belzona ENC-9.
- Repair leaks in turbochargers.
- Seal leaks in mufflers.
Refer to Belzona ENC-11.



Belzona SHM-12



Belzona SHM-12



Belzona ENC-6