

CAT[®] REPAIR OPTIONS

MORE CHOICE TO KEEP
YOUR BUSINESS MOVING

C32 MARINE

LET'S DO THE WORK.™

ZEPPELIN[™]
Power Systems



CAT REPAIR OPTIONS YOUR CHOICE

MORE HOURS. HIGHER PRODUCTIVITY. LOWER COSTS.

Cat® engine parts are built tough to provide maximum durability and extended life and many are designed for multiple overhauls. Properly maintained engine components can help to prevent severe and expensive damage, which has a direct impact on your productivity and operating costs.

Take advantage of further optimization potential for the operation of your engine and combine Cat Repair Options with different kinds of condition monitoring and Z.O.D. fluid analysis.

ZEPPELIN POWER SYSTEMS OFFERS A RANGE OF REPAIR SOLUTIONS FOR YOUR C32 – TAILORED TO THE SPECIFIC OPERATING CONDITIONS:

OPTION 1 REPAIR OPTION TOP

This option includes the timely replacement of all stressed engine parts in the upper engine area in order to prevent premature failure or further damage to other components due to faulty operation. The replacement includes components such as cylinder heads, injectors, cartridges, cooler and sealing materials. These components are shown in yellow in the upper illustration on the right.

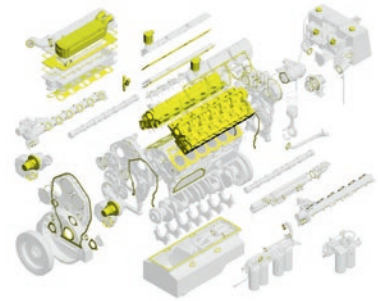
OPTION 2 REPAIR OPTION MAJOR

In order to optimize the durability of your engine, this option renews all stressed components throughout the engine. In addition to the components of option 1, bearings, thermostats, oil pump and cooler as well as cooling water and fuel transfer pumps will also be replaced. These additional components are shown in red in the lower illustration.

C32 MARINE CAT REPAIR OPTIONS INCLUDE:

OPTION 1 – OVERVIEW

Cylinder heads
Injectors
Turbocharger cartridge
Checking & cleaning of intercooler, replacement if required
Cooling water thermostat
Fuel pressure valves
Condensate valves
Incl. all sealing material



OPTION 2 – OVERVIEW

Cylinder heads
Injectors
Turbocharger cartridge
Checking & cleaning of intercooler, replacement if required
Cooling water thermostat
Fuel pressure valves
Condensate valves
Cylinder units and their bearings
Main bearing
Thermostats
Oil pump
Oil cooler
Cooling water pump
Fuel transfer pump



ADVANTAGES OF CAT® REPAIR OPTIONS

- ✓ Replacement of relevant wear parts protects and extends the life of major components
- ✓ Regular maintenance allows fuel efficiency to its optimal level, reducing your operating costs
- ✓ Predictability and better overview of maintenance and repair costs
- ✓ Timely exchange of seals and shaft seals prevents leaks and allows trouble-free and environmentally friendly operation
- ✓ Timely replacement of relevant components such as seals, piston rings etc. reduce oil consumption
- ✓ Predictable repair times and reduction of unplanned downtime



GUARANTEED TO LAST

Genuine Cat new and Reman parts are backed by our 12-month warranty.

Additionally, if one of the genuine Cat new or Reman parts used in your repair is proven to be defective and goes on to cause damage, not only will the Cat new or Reman part be replaced, but any resultant damage to other Cat parts will also be covered.

ZEPPELIN POWER SYSTEMS GMBH

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