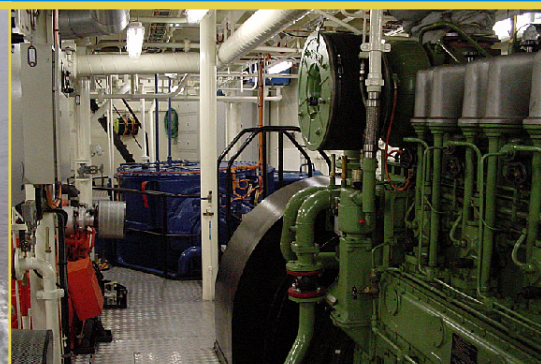
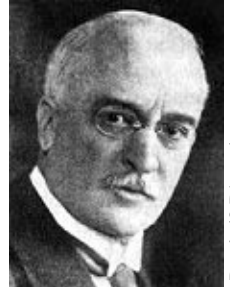


ANGLO BELGIAN CORPORATION nv

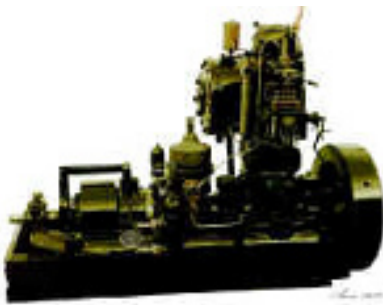


INTRODUCTION

Anglo Belgian Corporation (ABC) is one of Europe's leading medium speed diesel engine manufacturers. The company can offer almost a century of experience in ship propulsion, locomotive traction and marine and industrial generating systems. ABC was originally established in 1912 by a group of industrialists and with participation of the inventor of the diesel engine, Rudolf Diesel himself! An important step in ABC's history was the entrance in OGEPAR (in 1985), a strong financial holding.



Rudolf Diesel



The first ABC engine

Today, ABC is more than an engine manufacturer. The company has also been developing activities into the engineering of cogeneration, marine applications and railway projects. ABC aims to be an innovative company, supplying reliable and efficient products within a framework of sustainable and ecological development. All engines are designed for heavy and continuous duty in:

1. Marine Propulsion and Marine Generating sets

Originally, it is the marine sector where ABC has established its brand. The company is known for decades in propulsion and generating of inland ships, fishing boats, tugboats, dredgers, ferries, coasters, etc.

2. Industrial generating, pump- and compressor sets

Worldwide, and in the most remote areas and extreme circumstances, ABC is building power stations. Moreover, co generation or CHP is very popular in biomass projects. In this application, the electrical efficiency of ABC engines rises above 43% and the thermal efficiency ranges between 45 and 50%, which leads to a total efficiency around 90%! The diesel engine has, compared to other forms of energy generation, the highest efficiency.

3. Railway applications

Since 1950, The company is supplying diesel engines for railway companies. Since then, over 300 engines were delivered for traction applications both shunting and mainline service. As such, ABC is powering the world's largest diesel-hydraulic locomotive: the Voith Maxima 40CC. Rehabilitation of existing locomotives has been done as well.



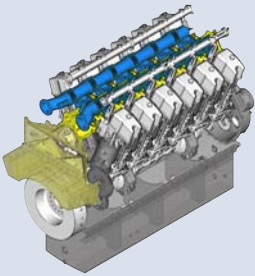
OUR PRODUCTS

Since first arriving on the scene, diesel engines were designed to provide a long and reliable lifetime of service. ABC has always been loyal to this vision by offering two engine types: the DX and the DZ. Both types were developed following the KIS (Keep It Simple)-principle: delivering a fast maintenance with a minimum of components and by a mechanical approach.

All engines are four-stroke direct injection and single acting diesel engines, available in anti-clock- and clockwise rotation. The DXC, DZC and VDZC- types are equipped with turbocharger and intercooler.

Research & Development

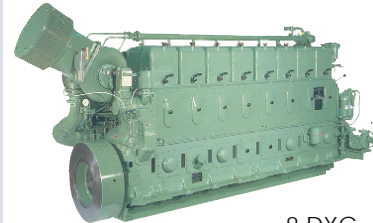
To keep at the forefront of diesel technology, ABC employs highly trained engineers to develop solutions for the next generation of products and systems. To do so, the newest technologies are at their disposal: CAD-CAM, Autocad, Catia and Simulation Programs (for fuel injection, combustion, strengths of components, bearings, camshaft, etc.)



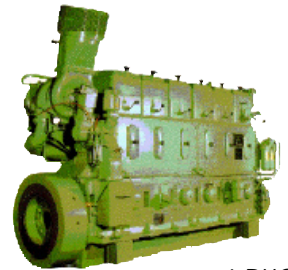
Inland ship 'Synthese' Mercurius
6MDZC - 1104 kW

The main tasks of ABC's R&D department are:

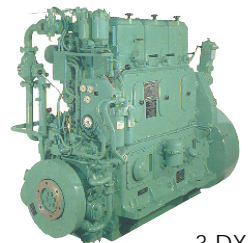
- to improve fuel efficiency
- to limit lubricating oil consumption
- to develop new bio applications
- to reduce noise and exhaust gas emissions
- to increase power output and operating life time
- to make previous built engines upgradeable with new designs.



8 DXC



6 DXC



3 DX

Industrial Genset SNEL

6EDZC - 1065 kW



Inland ship 'Colombia' Devos E.

6 MDZC - 1803HP



Coaster 'Laura H' Chemtrans

2 x 6 MDZC - 2x 646kW



Trawler 'G07' Tanis

12 MVDZC



Tugboat 'T90' Port Of Antwerp

2 x 6 MDZC



Inland ship 'Shloss Babelsberg' GEFO

6 MDZC - 1214kW



Coaster 'Fast Sam' De Vrij

6 MDZC - 1803HP



Longliner 'Glacial' Gude Armadores

6 MDZC



Tugboat 'Union Ruby' U.R.S.

2 x 8 MDZC

Locomotive VOITH

16DZC - 3600 kW

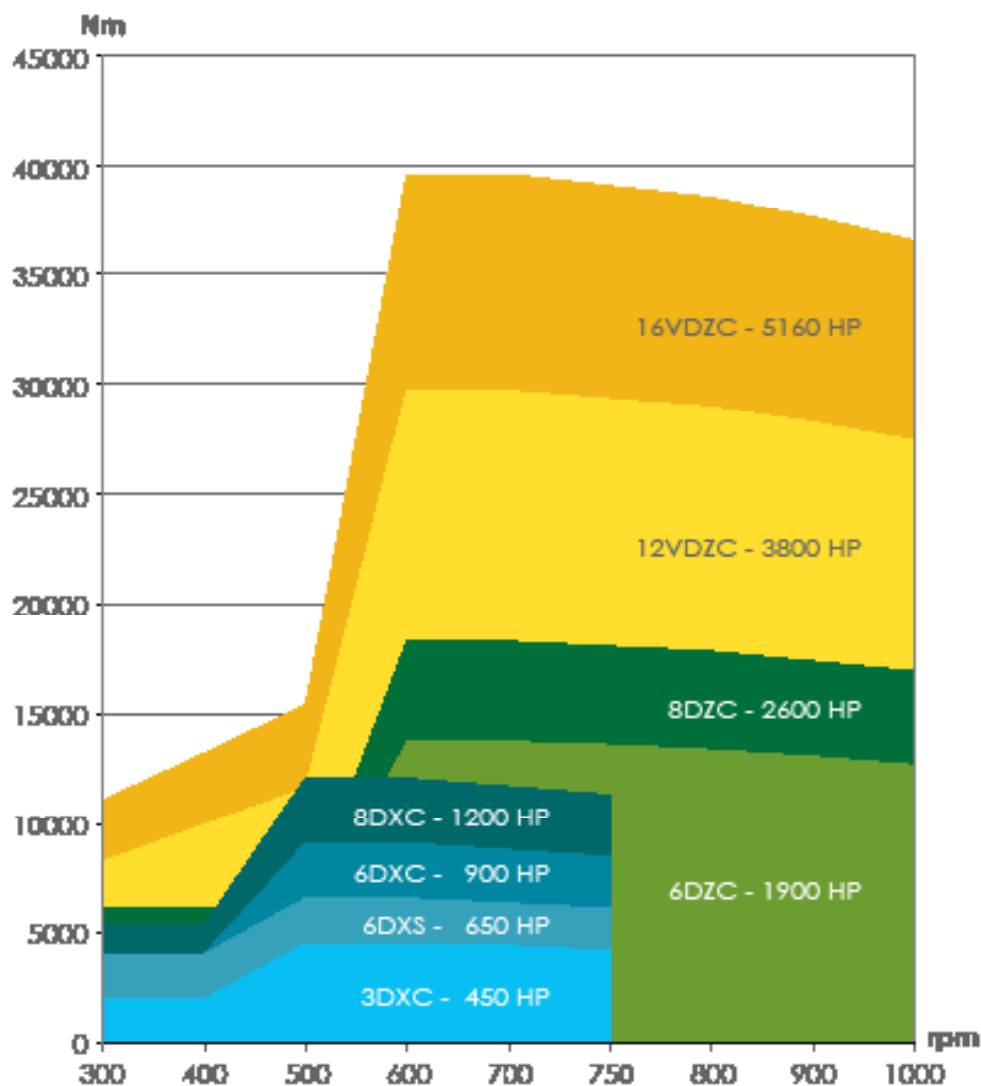
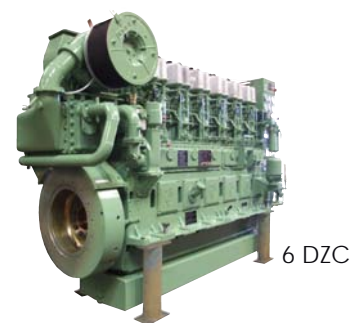
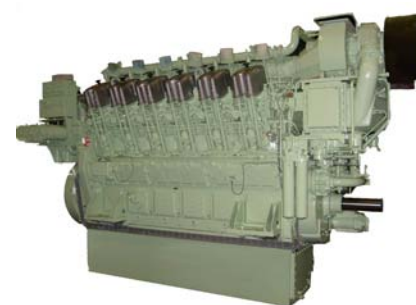
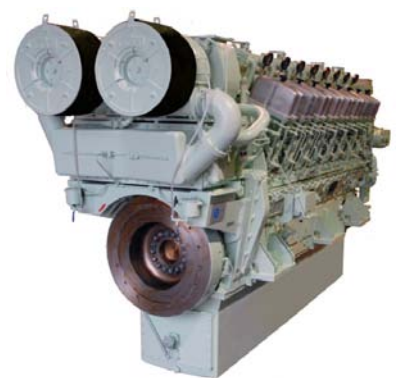


Table: Torque Table of the ABC product line (up to 5160 HP or 3800 kW)



Off-shore supply vessel
'Sancho Sea' Sancho Shipping
2 x 6 MDZC - 2 x 1800HP



Dredger 'Francesco di
Giorgio' - Jan De Nul
2 x 12BDZC - 2x 2812kW



Passenger ferry 'Bangor'
Departement Morbihan
2 x 6MDZC - 2x 1900HP



Diving support vessel
'Alize' French Navy
2 x 6MDZC - 2x 1900HP



Floating Crane
De Neus
6DZC - 1065kW



Engine room 'Valencia'
Wanders H.
6 MDZC -1800HP



Dredger 'Capitan Nunez'
Jan De Nul
5 x 8BDZC + 6BDZC



Passenger ferry 'Aquitaine'
Stena P&O
4 x 8BDZC - 4x 1459kW



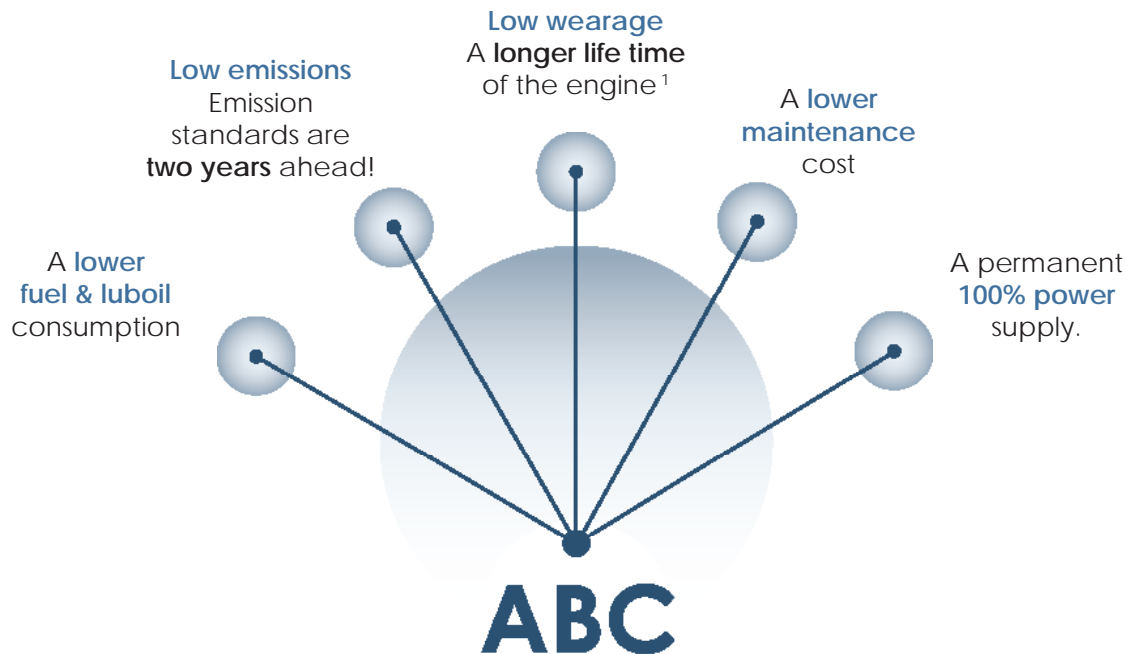
Frigate 'Wandelaar'
Belgian Navy
2 x 12MDZC - 2x 3091kW



Floating Crane
OVET
6DZC - 1065kW

WHAT MAKES ABC ENGINES SO UNIQUE?

Due to a large cylinder volume and a maintenance-friendly design, all engines have economical and ecological advantages:



¹Some engines clocked even over 200.000 h. !

Bio-expertise

The world is witnessing a boom in the production and use of bio fuels. Increasing oil prices and environmental standards are pushing governments to set up incentives for the promotion of these fuels. This is due to the fact that biofuels are much cleaner than fossil fuels. Moreover, they are inexhaustible!

ABC has always understood the importance of bio-fuels (Rudolf Diesel already used vegetable oil as fuel for his first engine). That's why a large part of the R&D budget was invested for emission reduction and biofuel applications.

The company is always looking for new challenges in alternative fuel sources. Subject to some simple, but effective adaptations, the robust engines of ABC can run on almost all (bio)fuels:

1. Marine Diesel Oil, Biodiesel, Intermediate and Heavy Fuel Oil
2. (Pure) Vegetable Oils; rapeseed, palm, colza, soya, nuts, etc.
3. Animal Grease (Tallow); pig, chicken, limb, etc.
4. Aggregates: used frying oil, byproducts of oil, etc.
5. In the dual-fuel version; natural gas, butane, propane, biogas, etc.



SERVICE

Round the clock and round the world, qualified and experienced teams are at your service!

- 76 Business Units, agents, workstations, etc.
- 59 Countries
- 24h/24h at your disposal
- 1 General number: **++32 (0)9 267 00 00**



At your request, we can supply an engine, with or without engine-accessories, or offer a complete turn-key project. In order to deliver a great service;

1. ABC can rely on more than **two hundred enthusiastic and highly-trained employees**
2. The workshop is equipped with the newest types of machine tools **to guarantee the precision** of the finished product.
3. ABC works directly with its partners, without interference of third parties, so **competitive prices** can be offered.
4. An extensive research in co-operation with universities and technology centers allows ABC to produce **modern, reliable and economical engines**.
5. **Quality Control** in every department.
6. **Alle engines are** individually **tested** on test benches and **certified** by BV, LRS, ABS, DNV, GL, RINA, etc.

For more information, feel free to visit www.abcdiesel.be or contact ABC at info@abcdiesel.be



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