A world of possibilities

Gertsen & Olufsen A/S is situated north of Copenhagen and has since 1945 been one of the largest suppliers of equipment and systems to the marine industry.

With this comprehensive line of products Gertsen & Olufsen has established itself as a major player and supplier of specialised products to the international marine markets. Our business philosophy is to offer competent advice and service by a dedicated and competent staff with a profound knowledge of our customers and their needs and the solutions provided by our products and systems.

Worldwide service

Through an extensive international network of agents, Gertsen & Olufsen A/S ensures the highest service level. Just one phone call, fax or e-mail and you will be in touch with someone who will be delighted to assist you.

Gertsen & Olufsen’s products and services

- G&O Vibration Compensator
- G&O Vibration Compensator
- G&O Microbac Bioreactor
- G&O Survey Water Monitor
- G&O SafePage 3000™
- G&O Boiler Dosing

and various Electronic Systems and Consultant Engineering Services

G&O Vibration Compensator

Why deal with the symptoms, when we can eliminate the source!

GIVING GOOD VIBRATIONS
Vibration Problems

Guide force moments, unbalanced moments, axial thrust, structural- and propeller induced vibrations are all unavoidable characteristics of the low speed two stroke diesel engine. Most vibration problems are reduced by adequate conventional countermeasures such as reinforced hull structure, stays and dampers. However, these only reduce the symptoms, they do not eliminate the source of the vibrations.

The G&O Vibration Compensators eliminate the source of the vibration problem. The most common vibration related problems and damage types are:

- Limitation of engine performance and hence operational economy
- Cracking and reduced mechanical strength of superstructures, stays and tanks
- Leaking, cracking and reduced mechanical strength of fuel- and lube oil piping
- Abnormal wear on rotating machinery and components
- Decreased failure rate of electronic- and electric components

Vibration problems do not occur until after the completion of a specific ship design or when the vessel is taken into service.

Eliminate the source of vibrations

The G&O servo-driven moment compensator reduces or even eliminates the source of vibrations due to the unique and patented technology that creates an exact opposing sinusoidal varying force whose size and direction outbalance the source of vibration.

The G&O Vibration Compensators eliminate the source of the vibration problem. They are therefore used as preventive maintenance tool reducing wear on most engine-related equipment as well.

The G&O Vibration Compensator applies to all major 2-stroke engines and is developed in close co-operation with the leading engine designers.

G&O Vibration Compensator
Eliminate the source of vibrations in ships and power plants

The G&O Vibration Compensators are world leaders in eliminating unwanted vibrations and improving the performance and comfort of ships and power plants. More than 200 G&O VCs have been successfully installed by leading ship owners, engine producers and shipbuilders worldwide.

The G&O Vibration Compensator is developed in close co-operation with the leading engines and is developed in close con-