

# Gear maintenance concept (GMC)

## 25,000 hours checkpoint or every 5 years

To ensure continued long-term performance and reliability of your Alpha reduction gearbox and CP propeller servo system, Everllence can now offer an extended maintenance package for transmission systems.

### Reduction gear safety and transparency

Everllence offers the gear maintenance concept (GMC) not only to plants which have reached the age and operational hours as specified above. The maintenance concept is also available as class control or a condition report required e.g. at change of ownership – or when the ship is prepared for a new demanding charter.

### Take a proactive step at regular intervals

With operational records on durability and reliability of Alpha gearboxes, an extended maintenance concept may seem as an overkill solution, but it is, however, a cost-effective peace of mind opportunity.

#### 5-year maintenance concept

The 25,000 operating hours, or 5-year checkpoint and control package, includes:

- Gear wheel tooth pattern inspection
- Thrust bearing clearance control measurement
- Lube oil, servo oil and clutch oil pressure control
- Clutch in/clutch out control
- Shaft brake control – when installed
- ODG oil distribution unit leak oil control
- Manoeuvring and CPP feedback system control
- Control of flexible couplings – main and PTO/PTI
- A recommended kit of spare parts can be delivered.



# Gear maintenance concept

(GMC)

## Everllence for the GMC job

Our skilled and specially trained Everllence PrimeServ personnel will thoroughly finish the control or maintenance concept according to check lists for the mechanical, hydraulic and electrical systems of the reduction gear.

All gearboxes of the Alpha range, from designs close-coupled with engines to various free-standing gearboxes with vertical or horizontal offset - are serviced with and without PTO/PTI solutions.

## Status documentation

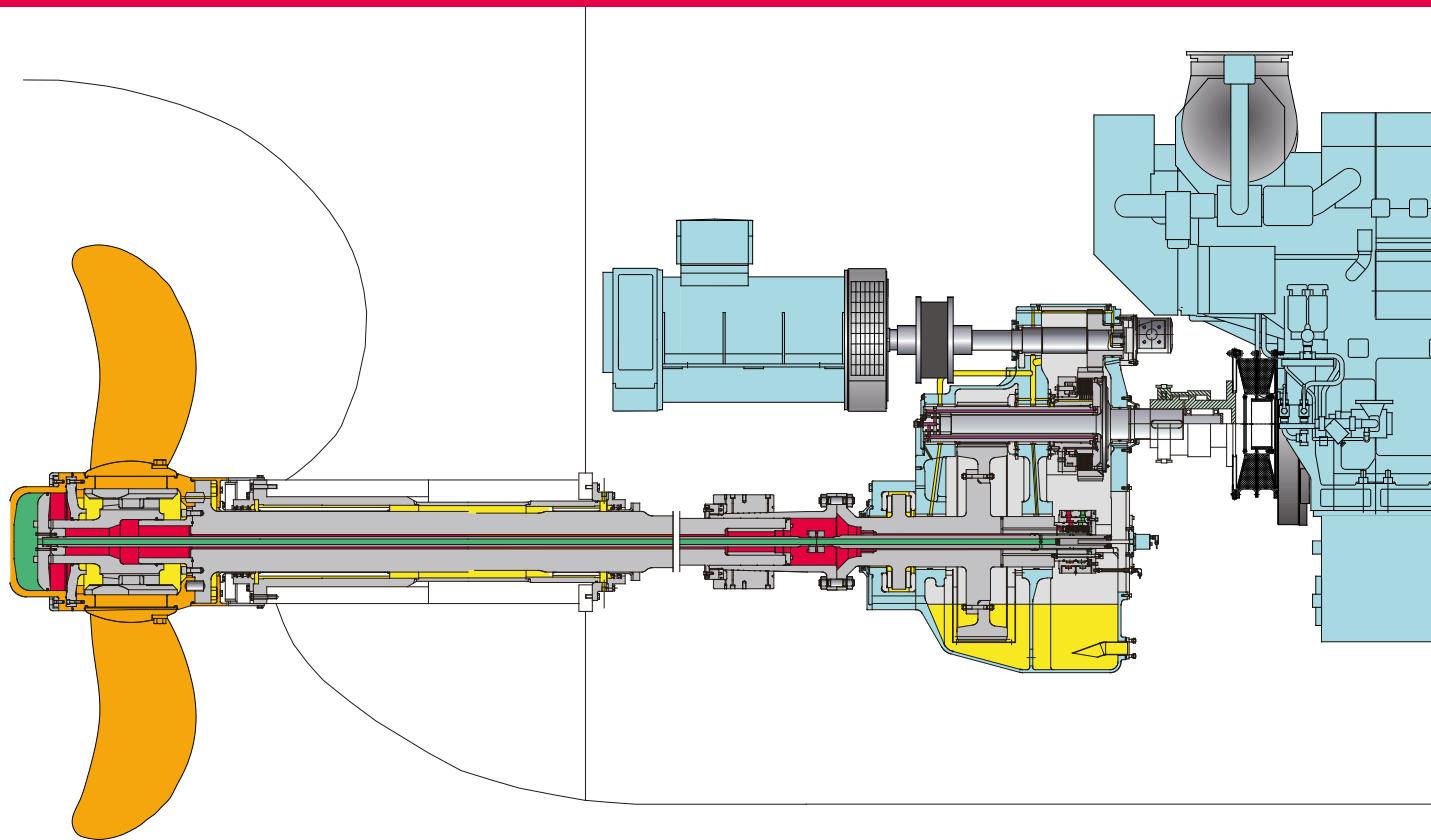
### and customer benefits

- Certificate and measuring reports supplied
- Best possible service and overhaul planning
- Maximum reliability between scheduled maintenance
- Optimized operational economy
- Service cost transparency.

## Simple, easy, fast and safe

### - without offhire

The 5-year gear maintenance job alone can be carried out within one working day - or combined with our propeller maintenance concept (PMC) at the next docking.



## Everllence PrimeServ

Niels Juels Vej 15  
9900 Frederikshavn, Denmark  
P +45 96 20 41 00  
primeServ-frh@everllence.com  
www.everllence.com/services