PROPULSION PRODUCT OVERVIEW

- MPP
- MTA
- MTT
- Twin Fin
- MPC 800
ENVIRONMENTALLY MINDED

- Equipment fully compatible with EAL oils that full fills VGP2013
- Suitable for use with water lubricated stern tubes
FEATHERING

- Improvements:
  - Flexibility
  - Fuel consumption
  - Efficiency
  - Less mechanical wear
  - Less NOx emissions
FEATHERING - MINIMUM RESISTANCE

1. Locked propeller shaft without feathering
   - High resistance
2. Self-milling
   - Inadequate lubrication
   - Medium resistance
3. Locked propeller shaft with feathering
   - Low resistance
   - No mechanical loss
EXAMPLE: FEATHERING WITH TWIN SCREW

- Twin screw coastal tanker
- Shutting off one engine
- Simplified engine maintenance

Benefits:
- 50 % input power
- 50 % fuel consumption
- 80 % vessel speed
STAINLESS STEEL CLADDING

- Water lubricated sterntube
- Shaft exposed to sea water
- A green solution
- Cost competitive
- Protection
CIRCULATED LUBRICATION WITH OIL CONDITION MONITORING

- Constant oil flow
- Automatic separation of contamination
- Monitoring circulated oil
- Enables planned service
- Minimizing downtime