



Lube Guide, For:

MARINE LUBRICANTS

— *Powering the World, Fueling the Future*

Insights, Trends, and
Innovations in the
Global Sector





INTRODUCTION



Powering the Seas with Reliable Lubrication

Carter Oil delivers advanced marine lubrication solutions engineered to perform under the most demanding maritime conditions. With decades of experience in heavy-duty engine protection, our marine oils are formulated to provide exceptional performance for both crosshead and trunk piston diesel engines. Designed to combat corrosion, reduce deposits, and improve overall efficiency, Carter Oil's marine lubricants ensure vessels operate smoothly, safely, and reliably—voyage after voyage.





Shaping the Energy Landscape

Carter Oil's marine lubricants are developed to protect critical components from corrosion, deposits, and wear caused by harsh marine environments. Each product combines premium base oils with an advanced additive system to ensure durability and cleanliness for marine engines and auxiliary systems.

- **HD Marine Oil (System Oil – SAE 40, 15 TBN)**
- **Marine Engine & Auxiliary Lubricants**
- **Specialty Marine Lubricants**

OUR **MARINE PRODUCT RANGE**





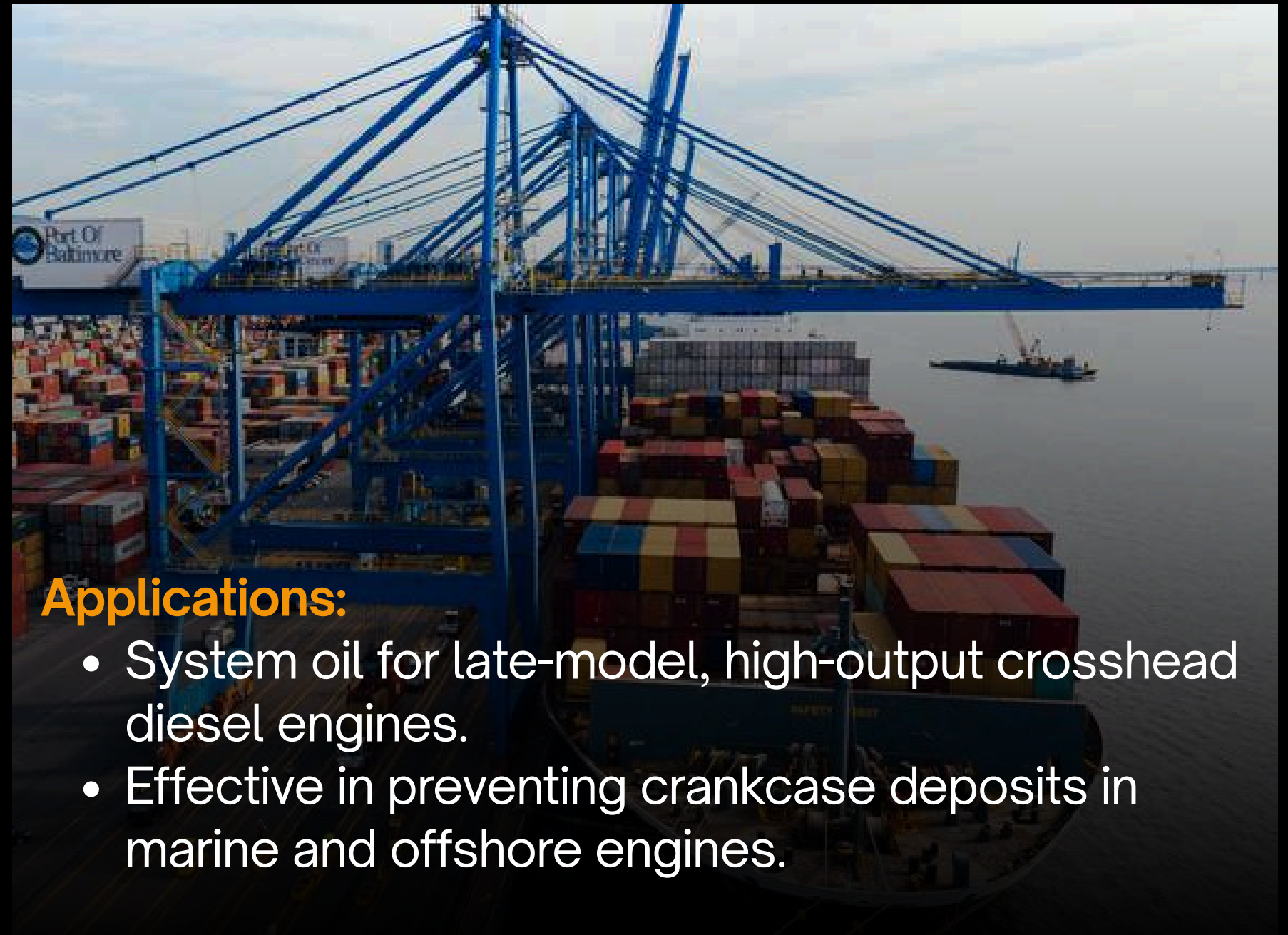
HD Marine Oil is a premium-quality single-grade system oil specifically designed for crosshead diesel engines with water-cooled pistons. Its advanced additive package minimizes piston and crankcase deposits, ensures excellent cooling, and extends oil and bearing life compared to conventional system oils.

Key Benefits:

- Reduces piston and ring deposits.
- Improves piston cooling efficiency.
- Keeps crankcase and circulation tanks cleaner.
- Extends bearing life and protects critical surfaces.
- Excellent rust and anti-corrosion protection.
- Enhanced load-carrying and anti-wear performance.
- Strong detergency for superior thermal and oxidation stability.

HD MARINE OIL

(SYSTEM OIL — SAE 40, 15 TBN)



Applications:

- System oil for late-model, high-output crosshead diesel engines.
- Effective in preventing crankcase deposits in marine and offshore engines.



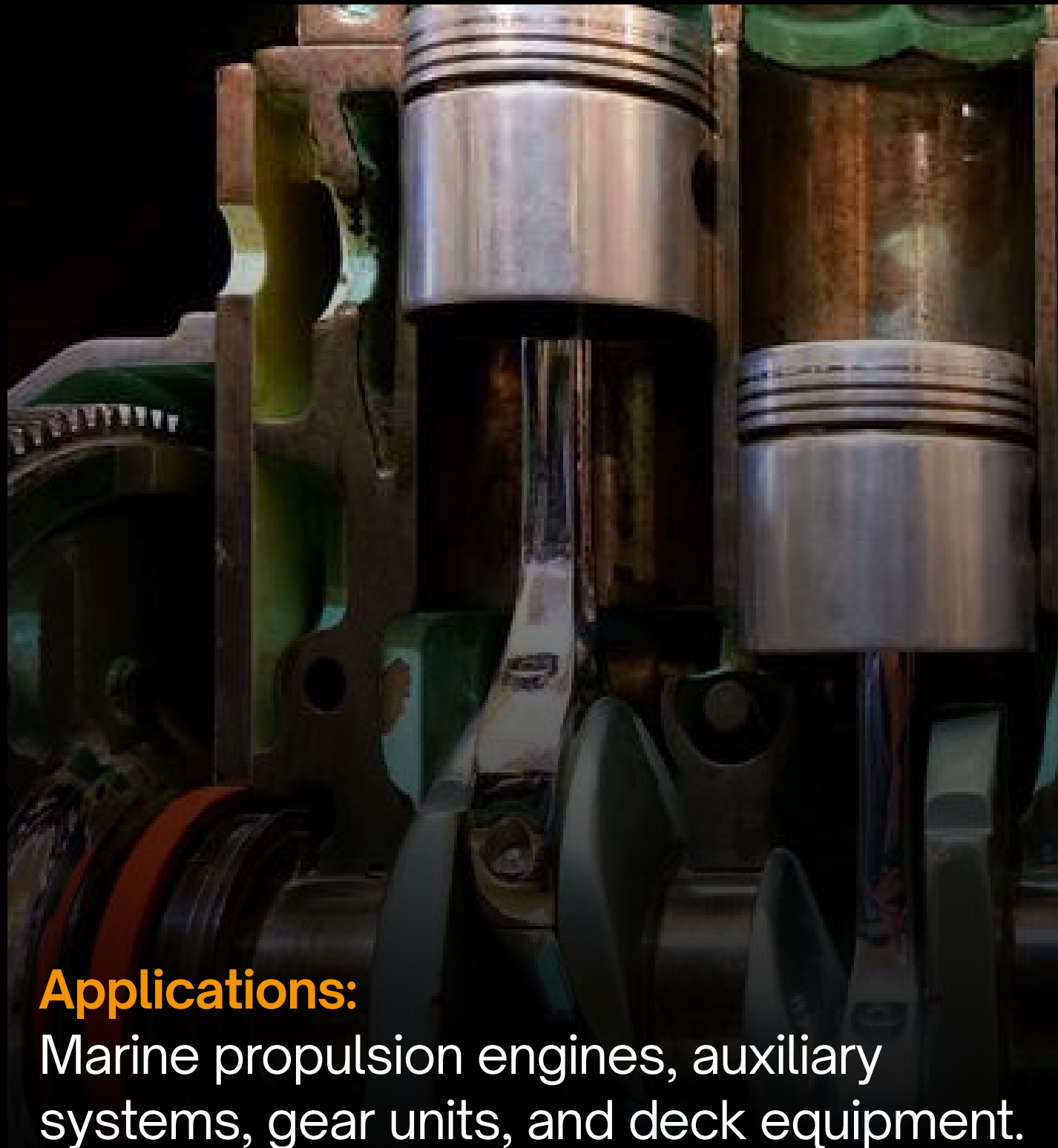
HD MARINE OIL

(SYSTEM OIL — SAE 40, 15 TBN)



Technical Specifications:

- SAE Grade: 40
- TBN: 12.8 – 17.2
- Viscosity @ 40°C: 88.6 cSt
- Viscosity @ 100°C: 14.1 cSt
- Viscosity Index: 163
- Flash Point: >194°C
- Pour Point: -30°C



Applications:

Marine propulsion engines, auxiliary systems, gear units, and deck equipment.

Carter Oil offers a comprehensive line of lubricants for trunk piston engines, marine auxiliaries, and deck machinery. These oils deliver high detergency, oxidation resistance, and corrosion protection-ensuring superior reliability for both propulsion and auxiliary systems.

Key Benefits:

- Protects against corrosion in saltwater environments.
- Maintains engine cleanliness and reduces sludge formation.
- Stable viscosity under varying temperatures and loads.
- Compatible with a wide range of marine fuel types.

MARINE ENGINE & AUXILIARY LUBRICANTS





SPECIALTY MARINE LUBRICANTS



Carter Oil's specialty lubricants are tailored for marine hydraulic systems, gear units, compressors, and steering mechanisms. Formulated for extreme water resistance and long service life, they ensure continuous operation and minimal maintenance in challenging sea conditions.

Key Benefits:

- Excellent water separation and rust prevention.
- Enhanced film strength for shock-load protection.
- Low friction and wear for energy efficiency.
- Suitable for offshore rigs and marine support systems.

Applications:

Steering gears, winches, cranes, and onboard hydraulic systems.

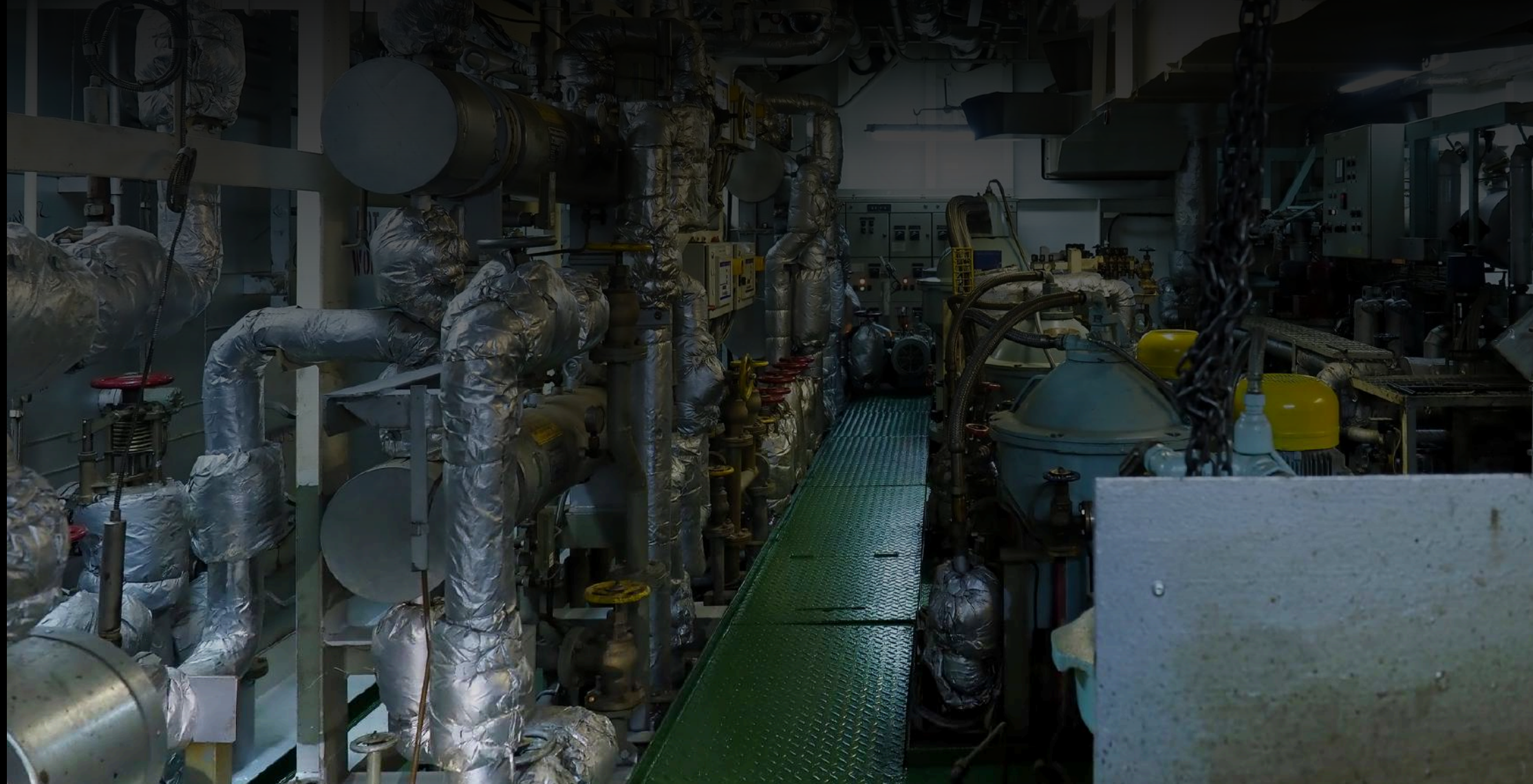


➔ APPLICATIONS ACROSS **MARINE OPERATIONS**

- Ocean-Going Vessels & Cargo Ships
- Fishing Boats & Coastal Fleets
- Offshore Rigs & Marine Platforms
- Auxiliary Equipment & Deck Machinery
- Engine Rooms & Hydraulic Systems



THANK YOU



Get In Touch



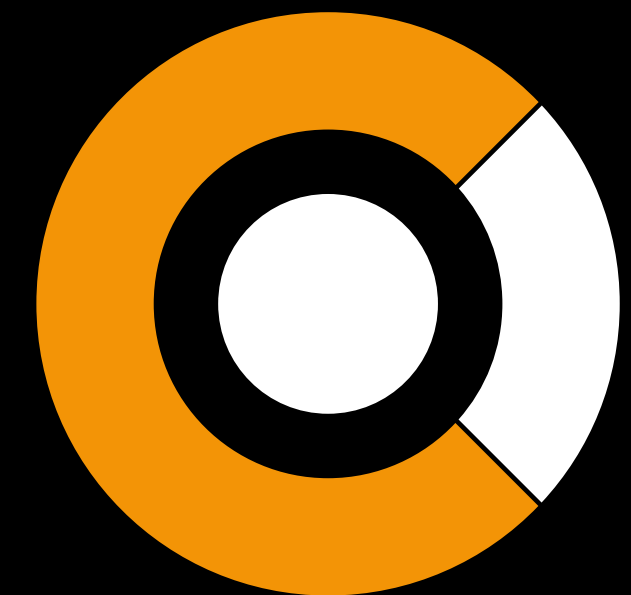
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