



ACORN[®]
industrial services limited

**Solutions for the
Marine & Offshore Industry**

Time Critical

The clock is always ticking alongside your tide window. When every minute docked counts, ACORN keeps your work list moving. Outstanding stock availability across all engineering components, and same-day delivery options along all major ports, means when you need it now, you get it now.

The tide doesn't wait, and neither do we.



SKF Vibracon
Adjustable
Chocks



- Self-levelling option to reduce profile height in rotating equipment
- Accommodates angular difference between machine and mounting base without the need to machine the base or install epoxy resin chocks



Tsubaki
Corrosion
Resistant
Neptune Chain



- Corrosion resistant surface treatment ideal for corrosive environments
- No lubrication required, reducing maintenance time
- Lower wear means less retensioning



Fenner
PowerTwist
V-belts



- Install in place, assemble link-by-link around pulleys if necessary
- Typical swap out takes minutes instead of hours
- Carry a single spare for many drives as a one covers multiple lengths



SKF Speedi
Sleeves



- Sleeves for shaft wear that requires no shaft disassembly or machining, saving time and resources
- Available in stainless steel to reduce risk of corrosion
- Optimised for radial shaft seals

Corrosion

There is no harsher environment for metal than a working vessel. The cost of corrosion is measured not only in steel renewals but in avoidable off-hire, crane time and unplanned stays. ACORN supplies solutions that stop small rust from becoming big repairs.

Protect the steel, protect the schedule, protect the budget.



Stainless Steel
Deep Groove
Ball Bearings



- Versatile, compact, and with a good speed capacity. Corrosion resistant bearings are ideal for marine applications
- Available with contact seals and marine-friendly grease options



Renold Hydro
Service Chain



- Corrosion resistant chain, lasting up to 30 times longer than standard chain
- Mechanically treated for consistent secure protection
- Wear and fatigue resistant



Loctite
Brushable
Ceramic
Coating



- Helps prevent corrosion on wetted parts such as: pump casings/ impellers, valve bodies, pipework, heat-exchanger end covers
- Forms hard, non-porous barrier against salt water, slurry and many cleaners



Rocol Moisture
Guard Clear



- Displaces moisture and leaves a clear, waxy protective film that resists salt spray and humidity
- Prevents red rust on bare metals during storage
- Ideal when you need fast protection

Health & Safety

Harbour side or sea, the risk profile is always high. Compliance isn't paper, it is the difference between 'routine' and 'incident'.

Less spills, less waste, less risk.



SKF Cooper Split-to-the-shaft Bearings



- Available in Spherical, Cylindrical and Tapered variations available
- Ideal for inaccessible or trapped locations and quick change-outs
- No specialised fitting tools or on-site adjustments required



SKF Automatic Lubricators



- Automatic lubricators are ideal for hard to reach places as they are fitted and set to continuously lubricate systems
- No wiring or power source required due to gas driven units

Sustainability

Performance at sea starts with responsibility, designs that cut waste, extend life, and safeguard waterways.

Energy-smart, leak-tight, corrosion-tough.



Ewellix CASM Electric Actuators



- Precise positioning for fast and powerful linear motion
- Saves energy while increasing efficiency of vessels



Simplex Sterntube Seals



- Prevents oil egress into the environment, supporting compliance with environmental regulations
- Protects bearings from water & premature failure

Reliability

Reliability of machinery is crucial when at sea. It is important to use high quality components with a long service life to ensure you get the most out of your vessel. Correct fitting & maintenance go hand in hand with reliability, ensuring the long service life of components.

Reliable supply, reliable support, reliable solutions.



Centa Couplings



- Couplings to suit a range of needs from high torsional flexibility, torsional stiffness, or a fail-safe build for high torque
- Many models available with DNV, ABS, LR and other class approvals



LOCTITE Lubrication & Adhesives



- Loctite liquid metal EA 3471, 3472 & 3473 specifications
- Rebuild worn shafts, keyways, bearing housings, pump casings/ impellers, valve bodies, flanges & threads



IM Analytics Condition Monitoring Systems



- Condition monitoring system to keep track of machine health and maintenance needs
- Notifies users of potential issues before breakdown occurs
- Comprehensive machine condition reports



SKF OK Couplings



- Hydraulic couplings with friction-grip sleeves
- Transmit high torque reliably while making installation and overhaul much faster
- Reduced fretting & corrosion

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