

FIELD SERVICES

MOBILE, GLOBAL, FLEXIBLE & FAST

MAIN FIELD SERVICES:

- ✓ Two and Four Stroke engine overhaul
- ✓ Damage inspection, performance evaluation
- ✓ Line boring of main bearing and camshaft bearing brackets
- ✓ Machining of bearing caps
- ✓ Boring of plunger guides
- ✓ Laser measurement and alignment
- ✓ Facing of cylinder liner sealing surface
- ✓ Machining of upper and lower receiver counterbores
- ✓ Honing of cylinder liners
- ✓ Measuring of 2-stroke cylinder liners
- ✓ Checking and machining of crankshafts
- ✓ Refacing of crankshaft flanges
- ✓ Metal stitching

ENGINE COMPONENT RECONDITIONING & WARRANTY

WORKSHOP SERVICES:

- ✓ Engine and component reconditioning
- ✓ Connecting rod reconditioning
- ✓ Cylinder head reconditioning
- ✓ Honing
- ✓ Crack Detection: Magnaflux testing and Dye penetrant inspection
- ✓ Thermal spraying
- ✓ Mechanical fabrication
- ✓ Customized fabrication

30+
YEARS
OF EXPERIENCE

Twinco was established in 1994 to market, stock and distribute first world quality OEM products manufactured by world-renowned European Makers for the aftermarket in the Asia Pacific region.

Twinco is today one of the leading distributors for European OEM large diesel engine spare parts in Asia, serving the Marine, Power Plant, and Locomotive industries.

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Scan to view our Website



**ALWAYS AVAILABLE,
ALWAYS READY
FOR ACTION**



TWINCO

Engineered to Deliver

We supply genuine quality OEM to a wide range of Diesel engine spare parts. We also manage the maintenance, servicing, and overhaul.

POWER PLANTS: PARTS, SERVICE, COMPONENT RECONDITIONING & WARRANTY

FOR MAN ENGINES

✓ Bearings:

Engine Main Bearings, Bind End Bearings, Conrod Bearings, Camshaft Bearings, Thrust Washer / Bearings, Gudgeon Pin Bush, etc.

✓ Combustion Components:

Cylinder Liners, Pistons, Piston Rings, Gudgeon Pin Bush, etc.

✓ Cylinder Head Components:

Inlet & Exhaust Valves, Valve Seats, Valve Guides, Valve Rotators, Valve Cage, Valve Spring, etc.

✓ Fuel Injection Components:

Fuel Pumps, Fuel Valves, Fuel Nozzles, Sealing sets, etc.

✓ Miscellaneous:

Gaskets & Sealing Sets, O-rings, Springs, Filters, etc.

HEALTH CHECK SERVICES

FOR MARINE DIESEL ENGINES

✓ Proactive Maintenance

Our routine health checks are designed to detect and address issues before they escalate, guaranteeing peak efficiency and uninterrupted operation while saving both time and costs.

✓ Collaborative Solution

We believe in fostering partnerships with our clients to achieve mutual growth and improved operational reliability.

✓ Superior Outcomes

With our expertise and cutting-edge technology, we can swiftly resolve technical issues, leading to enhanced performance and reduced environmental impact.

✓ Experience the Difference

Our commitment to proactive maintenance and advanced strategies ensures that your marine diesel engine operates at its best, providing reliable and sustainable power generation for your vessel.

✓ Don't wait until problems arise

schedule your marine diesel engine health check with TWINCO today and sail with confidence!



MARIDIS
MARITIME DIAGNOSIS & SERVICE

MARLINER STREAMLINE INSPECTIONS

WITHOUT DISMANTLING

KEY BENEFITS OF MARLINER ESSENTIALS:

- ✓ Efficient: receive immediate results
- ✓ Independent control over liner wear, diameter, ovality, and internal imagery
- ✓ Inspections completed in 10 to 30 minutes per cylinder
- ✓ 12,000 measuring points per liner, multiple report formats available
- ✓ Swift execution of a Scavenge Port Inspection

TAKE CONTROL WITHOUT OPERATIONAL DISRUPTION

- ✓ Identifying issues with the main engine's cylinder condition is crucial for planning and success in today's rapidly changing emissions landscape.
- ✓ MarLiner provides clear insights and actionable solutions without the need for engine dismantling or ship immobilization.

OPTIONAL INSPECTION MODELS

- ✓ Prognostic inspection series for long-term planning
- ✓ Targeted cylinder condition forecasts for spare parts acquisition
- ✓ Research-related inspection plans for testing new spare parts

OPERATIONAL MODE STEP BY STEP:

- ✓ The software generates cylinder liner reports directly from the device, indicating wear and the need for replacement without further investigation.
- ✓ MarLiner meticulously scans the liner surface from bottom dead center to top dead center, providing detailed three-dimensional views.
- ✓ By analyzing 12,000 data points per liner, MarLiner produces user-friendly reports with clear graphics and actionable insights, enabling swift decision-making.
- ✓ Transform your cylinder liner inspections with Twinco Pte. Ltd. using MarLiner's efficiency and precision.

