



MTU **ValueCare**

Keep going.



mtu ValueCare



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A customer-oriented technological leader.

MTU supplies its customers with technologically-advanced products that are proven in the field. MTU's range of products and services for off-highway applications is extensive and includes both standard and customized solutions.



1 Technological leader

As a supplier of high-quality performance drive solutions, MTU stands for the highest level of technological expertise.

2 Passion

MTU is passionate about fulfilling the needs of its customers with the utmost professionalism and precision.

3 Partnership

MTU is a reliable and trend-setting partner that acts with foresight in a results-oriented manner.

MTU is the core brand of Rolls-Royce Power Systems AG, which is a world-leading provider of high- and medium-speed diesel and gas engines, complete drive systems, distributed energy systems and fuel injection systems for the most demanding requirements.

The product range of MTU is one of the widest and most modern in the sector. We offer comprehensive, powerful and reliable engine solutions for yachts, commercial ships and naval vessels, construction and industrial vehicles, agricultural machinery, mining, rail and military vehicles as well as for the oil and gas industry. We also provide a full line of service products to help you maximize uptime and performance.

For over 100 years, MTU has been known for cutting-edge innovation and technological leadership. That same spirit of innovation inspires our sustainability efforts. Today and in the future, our focus is on developing and implementing system solutions to maximize efficiency and meet emissions standards.

An expert in technology

MTU has always set standards in technological expertise for customized product and system solutions. To deliver you maximum power density, we concentrate our innovation on the continuous advancement of our core competencies: fuel injection, turbo charging and electronics.

A passionate engine specialist

We spend every day working together with you, our customers, to deliver engines and systems that best fit your needs. Whether a standard system or a customized solution—we are passionate about the art of engine creation.

A reliable partner

We understand the specific demands for diverse applications. In collaboration with you, we look for the solutions which are best suited to your individual requirements. Every step of the way—from the start of project planning, during the design of your integrated system solution, at the point of delivery and commissioning and continuing through the care of your product—we are there with you for the entire lifecycle.

MTU ValueCare. We're with you all the way.

We have always had a strong commitment to our customers. With MTU **ValueCare**, this focus extends beyond the sale of our engines and systems. From maintenance to spare parts to remanufactured products, MTU offers a full range of support to help you keep going.

Designed for maximum performance, uptime and value, MTU **ValueCare** is a diverse portfolio of products and services that can help you get the most from your equipment.

MTU **ValueCare** products and services are available anywhere in the world through our extensive network of authorized distributors and service dealers. For more information, please contact your local MTU service center or visit www.mtu-online.com.

MTU **ValueCare** includes three product lines:

- **ValueService:**
Extensive global service and support to help you protect your investment
- **ValueSpares:**
Genuine spare parts and top-quality consumables designed specifically for MTU engines and systems
- **ValueExchange:**
Remanufactured engines and service parts engineered with the same high-quality standards as new products



ValueService

Complete maintenance and support.

Reliable, expert assistance is essential to maintaining and improving high levels of performance throughout your engine's or system's lifecycle. **ValueService** is a full line of maintenance and repair solutions to help you protect your investment and get the most out of your equipment. From Customized Care to Training to Remote Services, MTU provides you with everything you need—with support customized to your specifications.





ValueService Maintenance Solutions

Expert assistance. For longer engine life.

Every MTU engine and system is built to last, with MTU's legendary high engineering standards. But our commitment to quality and uptime doesn't end after the sale. MTU customized maintenance plans, annual inspections and repair professionals will extend your equipment's life even further. And for added confidence, our coverage plans will help you prepare for the unexpected—well into the future.

Customized Care

Unconditional engine reliability is important for optimizing lifecycle costs and protecting your investment. MTU is committed to your support. Customized Care—professional maintenance solutions from MTU—makes it easy to plan the cost of maintenance throughout your engine's lifecycle. The details, terms and periods of each package are precisely tailored to match your individual needs, ensuring cost certainty and maximum availability. Customized Care offers a complete range of services. Professional maintenance is performed by MTU-certified technicians, using only genuine MTU new or remanufactured spare parts.

Extended Coverage

Extended Coverage delivers peace of mind by providing coverage of unexpected repairs beyond your standard warranty, tailored specifically to meet your needs. During the extended coverage period, the cost of materials and labor are covered. Repairs with troubleshooting and fault clearance, provision of required components, and replacement of failed components are included. To ensure maximum quality, all repairs are conducted by knowledgeable MTU professionals.

Extended Propulsion Coverage

For additional peace of mind, Extended Propulsion Coverage (EPC) provides coverage of unexpected repairs for your propulsion system beyond the standard warranty. You'll feel confident knowing that unexpected repairs are covered, with service performed by an MTU-authorized service center. The EPC package, an exclusive service for pleasure craft, is also transferable, which enhances resale value.

Annual Check

Annual Check is a yearly professional inspection of your MTU engines and systems by MTU experts, allowing you to identify and address problems early. It ensures effective preventive maintenance, helping you save on repairs or unexpected downtime and optimizing your engine's performance and longevity. MTU service technicians inspect the maintenance condition and determine whether any additional maintenance and repairs are required. The process includes visual engine inspection, test run and leak check, on-site engine oil and coolant analysis, and diagnostic evaluation and reporting.

Keep everything running smoothly.

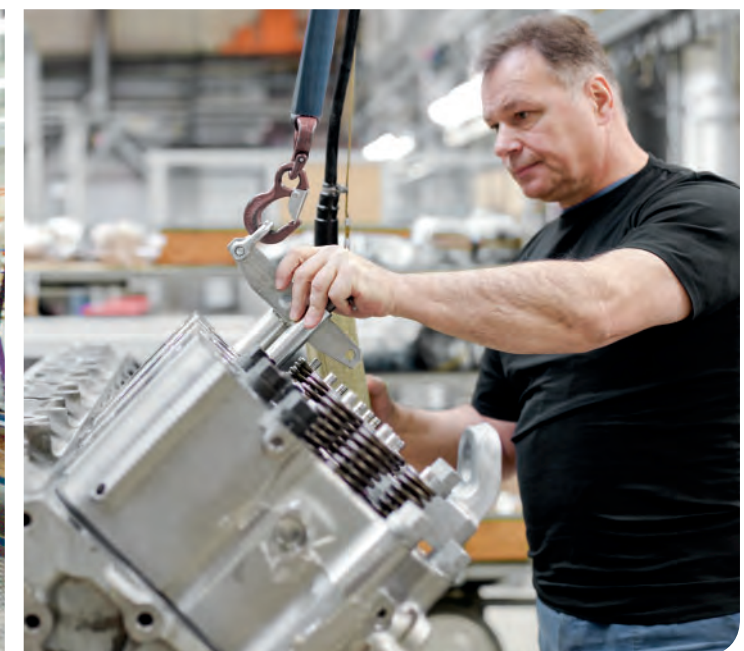
Maintenance, Repair and Overhaul

With a wide range of maintenance and repair plans, MTU is your true partner. You can count on MTU's reliability and expertise—around the world and around the clock. Our staff of trained professionals know all about MTU engines and systems, and are committed to helping you protect your investments and maximize their performance. Preventive maintenance optimizes the availability of your engines and systems while helping to avoid unexpected problems in the future. And quick, efficient maintenance and repair help you get back to work as soon as possible.

When it's time to give your original engine a powerful new life, choose an individual MTU Overhaul. This alternative to a new engine provides proven MTU quality and performance—at a price that can fit your budget. Our overhaul process is designed to get your engine up and running as quickly as possible. To ensure reliability and durability, overhauled engines share

the same MTU parts, publications, online tools and service products as new engines. Your engine will maintain its identity throughout the overhaul, making it easier for you to track usage, calculate residual value and perform other financial functions. And a cost estimate will be available in advance, so you'll know your investment level before work starts. For added convenience, we can conduct the overhaul at an MTU Service Center near you. Extended warranties and options are also available to enhance peace of mind.

Maintenance, repair and overhauls are services where one size cannot fit all. Whether it's one boat engine, several gensets at a hospital or 100 engines powering a mining operation, we offer customized plans to fit your exact requirements. And support is available worldwide from our MTU service network.



Get the most out of your equipment.

Remote Services

Identifying faults as early as possible saves valuable service time and helps you make quick decisions regarding operational issues. Remote Services is a powerful diagnostic solution that links you directly to a record of your MTU engines and systems activity through a secure Internet connection. Remote Services incorporates a telemetric device that stores selected information and then transmits it in near real-time or at predetermined intervals. Important engine data such as oil temperature, current location and hours of duty completed can be conveniently retrieved for analysis—even thousands of miles from the worksite.

Technical Documentation

Comprehensive MTU technical documentation provides complete, clear information on the operation and maintenance of all our engines and systems, helping you maximize the performance and value of MTU products. MTU technical documents are not one size fits all; they are tailored to the unique and specific needs of each engine or system. Our documents specify the correct fluids and lubricants for every engine and system, which improves drive system reliability and functionality. Other helpful information includes safety requirements during maintenance and operation and recommended preventive maintenance schedules, which reduce equipment downtime.

Training

Comprehensive training is a great way to get maximum efficiency from your equipment. From timely preventive maintenance to efficient diagnostics and repair, our training programs are available around the world and designed to make your service personnel proficient with MTU engines and systems. MTU trainers are product experts who know how to pass along their invaluable knowledge to trainees. Whatever the product or application, we offer a wide range of customized training programs to maximize your return on investment.

Workshop and Test Bench Solutions

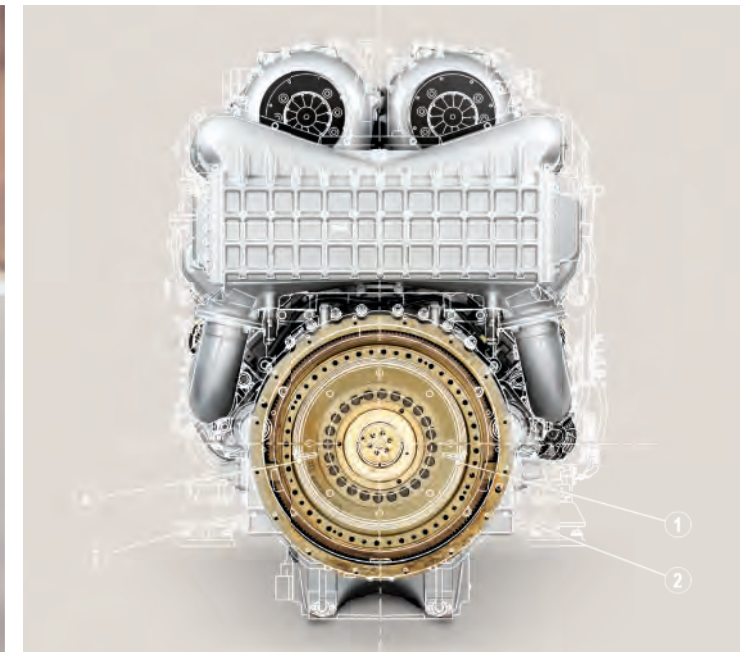
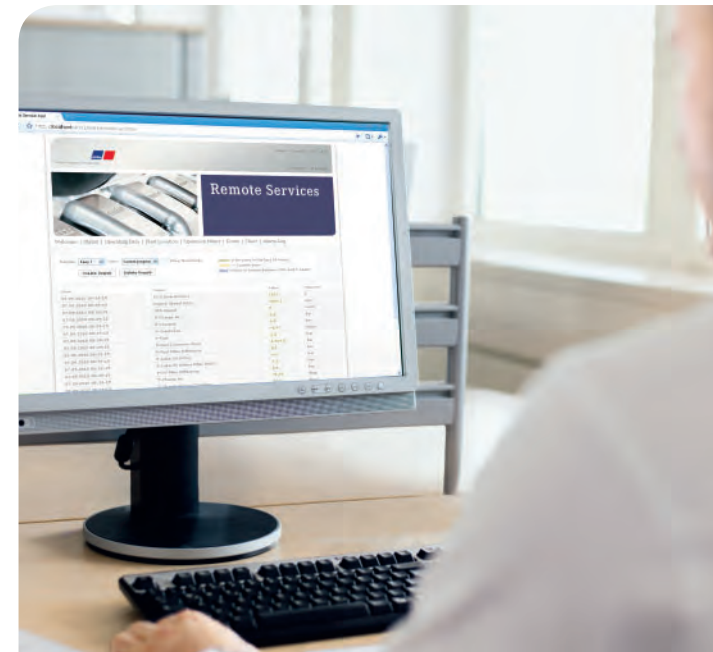
We make it possible to optimally plan and run your workshop and test bench facilities efficiently, based on your own requirements. We're extremely qualified for the job. Nobody knows MTU products like MTU—the professionals who designed and manufactured them in the first place. From start to finish, only MTU offers a full range of tools and expertise to help you get the most from your workshop and test bench projects.

Every job and application is unique. So each solution is individually tailored to your requirements and local market conditions, taking full account of ecological issues as well as existing on-site infrastructure. MTU listens to you and designs according to your needs.

We offer the complete package. As a manufacturer of high-performance diesel engines, ship gearboxes, and electronic monitoring and control systems, we provide the necessary “system know-how” and project management from a single source. Our line of services ranges from consultation to the turnkey handover of operational facilities. By coordinating all individual, project-specific services under a single source, this program can reduce your project costs and the possibility of errors.

Service Units

To facilitate service on engines and systems in remote locations, we offer a convenient turnkey solution: transportable MTU Service Units. Integrating workshop, storage and office facilities, an MTU Service Unit can be set up in virtually any location to maximize service support on site. Available quickly, the units are easily transported and can be set up individually or in combination. You get confidence and peace of mind for any project in one convenient package. MTU Service Units provide plenty of space for service work, spare parts and administrative tasks. Exterior dimensions are compatible with a standard 40'-high cube container. Every unit includes air-conditioning system, hydraulic press, air compressor, workbenches, fold-down tabletops, heavy-duty shelving, desks and filing cabinets as well as a diesel genset and drilling/milling machine on demand.



ValueSpares

Designed, tested and approved by MTU.

MTU engines and systems are found all over the world, performing in a wide range of industries and applications. To keep your equipment running at optimum efficiency, you can choose from a full line of **ValueSpares** genuine parts and consumables. They're designed, tested and approved specifically for MTU engines and systems. Only MTU can guarantee genuine quality, with parts and consumables that are designed to work seamlessly with your product. **ValueSpares** products help you get maximum performance and value from your equipment. And putting our parts and consumables to work is easy: **ValueSpares** products are available worldwide through our MTU service network.





ValueSpares Genuine Parts

Genuine parts. For maximum performance.

MTU offers full support throughout the lifecycle of your engine. To ensure that your equipment is always up and running, choose genuine **ValueSpares** replacement parts. Only MTU can guarantee parts that are custom designed, tested and approved specifically for MTU engines and systems. **ValueSpares** genuine parts maximize performance, prolong the life of your engine and meet today's strict requirements.

No matter your application, MTU offers genuine, top-quality spare parts to fit your needs. **ValueSpares** genuine parts are developed, manufactured and approved from a single, convenient source—MTU. Designed to meet your specific requirements for OEM parts and supplies, **ValueSpares** replacement parts are available for a wide range of equipment, including propulsion units on large vessels and PowerPacks® for rail applications. Parts are also available for classic MTU, Detroit Diesel and Mercedes engines powering off-highway applications. We offer everything you need for a turnkey installation.

Ordering **ValueSpares** genuine parts is a one-stop experience. All parts are available from one source, which helps reduce complexity and costs in your supply chain. Maintaining an engine system over its entire lifecycle requires excellent technical support for your spare parts management and troubleshooting. Only experienced MTU service engineers can provide this service.

MTU is committed to getting you back to work as fast as possible. So we make sure **ValueSpares** products for our entire range of engines and systems are readily available. Whatever part you need, we'll get it to you fast. Our global logistics network of parts logistic centers around the world ensures maximum availability. And with our worldwide MTU service network, we're always nearby.



For maximum performance and longevity.

MTU engines are engineered with the highest standards in the industry. Genuine **ValueSpares** consumables are built with the same commitment to quality. A full range of filters, oil and coolant is available—from a single source—for your MTU engines and systems. An essential part of your preventive maintenance program, **ValueSpares** consumables work in perfect harmony with your engine, maximizing engine performance, prolonging engine life and protecting your investment.

Only MTU can guarantee consumables that are custom designed, tested and approved specifically for MTU engines and systems. Other consumables that have not been tested by MTU can cause significant damage during an MTU engine's lifecycle. **ValueSpares** consumables must pass rigorous testing to qualify for use in MTU engines. Superior design and top-quality materials result in maximum power, torque, longevity and low total cost of operation. As a result, **ValueSpares** consumables enhance your peace of mind, increase uptime and reduce maintenance costs.

Filters

We offer a full line of filters formulated for specific MTU engines, to ensure reliable, long-life engine performance. Our product line includes engine oil, coolant, air, pre-fuel and fuel filters. **ValueSpares** filters are robust and resilient—built to remove contaminants before they reach critical areas of the engine and cause premature wear and reduce component life. Filter media are engineered to resist premature plugging while providing reliable filtration at the specified particle size. They're designed to resist collapse, even under severe duty. The unique features of **ValueSpares** filters provide reliable performance throughout the service interval.

Oils

Engine oils play a vital role in protecting your investment in MTU engines and systems. As a result of intensive research, MTU's full line of oils is formulated specifically for MTU engines. **ValueSpares** oils are designed to maximize performance by protecting your engine from harmful wear, corrosion and particles. The engine oils provide outstanding piston cleanliness, even under high thermal loading, which ensures maximum engine efficiency and reduced maintenance. They also feature exceptional oil consumption control and thermal stability, maintaining specified viscosity and reducing shear in severe applications.

Coolants

As a result of intensive research, **ValueSpares** coolants are specially designed for use in MTU engines and systems to protect your equipment. In cold environments, they offer a low freezing point, protecting engines from damage. They also elevate the boiling point during hot conditions and severe duty. **ValueSpares** coolants protect the cooling system from all kinds of corrosion. Coolant produces a durable protective layer that insulates cylinder liners and water pumps from cavitation (pitting) damage. With exceptional thermal transfer characteristics, **ValueSpares** coolants feature high temperature stability, which prevents overheating. For further protection, the coolants inhibit the formation of corrosion, which leads to leaks and other costly parts damage.

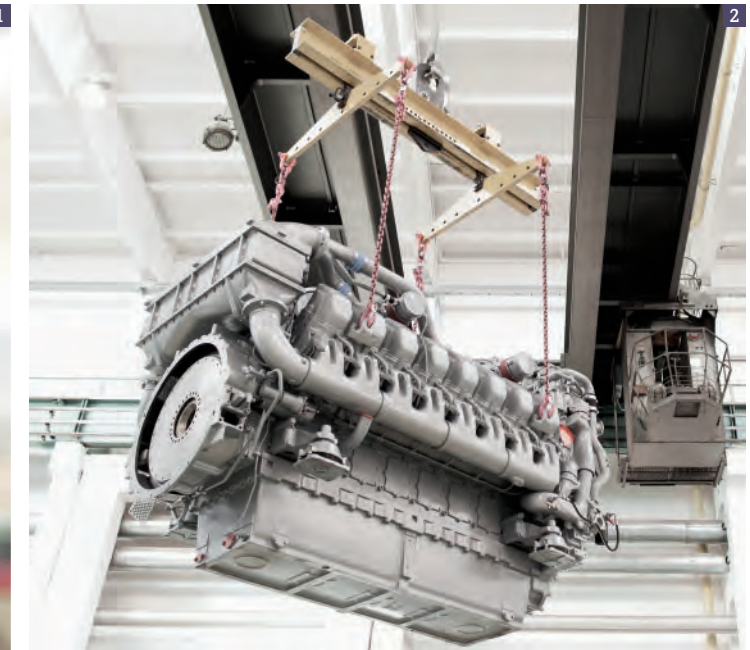


ValueExchange

Rebuilt to last.

Whether replacing a single component or an entire engine, quality is essential. **ValueExchange** provides a full range of genuine remanufactured MTU products, engineered to ensure robust, reliable performance. Choose from remanufactured parts, engines, systems and PowerPacks that utilize genuine new and remanufactured MTU parts. A rigorous reconditioning process ensures the same high standards of performance, service life and quality as new products—including design and model-related updates.

As a result, genuine **ValueExchange** products feature technological advancements similar to new products. The **ValueExchange** process is designed to save you time and money, while benefiting the environment through the reuse of existing materials. To help you work more efficiently, **ValueExchange** products are readily available. And for your convenience, they're offered worldwide from our MTU service network.



1 The **ValueExchange** process ensures the highest standards of MTU quality and performance.

2 A remanufactured engine's transformation goes well beyond the surface—the engine is reconditioned inside and out.



ValueExchange Parts, Engines, Systems and PowerPacks®

Just like new.

Parts

Replacing parts affordably and quickly is important to your financial success. ValueExchange remanufactured parts are a smart long-term solution. When you choose ValueExchange parts, you get genuine MTU quality, speed and peace of mind while lowering costs. Thanks to precise remanufacturing and inspection processes, genuine ValueExchange parts share the same high standards of performance, service life and quality as new parts, helping you maximize your engine investments. Over the lifespan of your engine, these savings can really add up. And along with cost benefits, there are environmental benefits as well—the reuse of parts saves resources and avoids waste.

ValueExchange parts are designed to deliver peace of mind. Whether it's fuel injectors, crankshafts, cylinder heads or crankcases, we put every part through a thorough reconditioning process. Design- and model-related updates are incorporated, so ValueExchange parts feature technological advancements similar to new parts. And for added confidence, we back our parts with a full manufacturer's warranty.

We want you to get back to work and stay productive. So we're committed to making sure ValueExchange parts are readily available, which reduces downtime, service time and indirect service costs such as storage. The ValueExchange process is designed to help you save costs, since your used parts or "cores" still have value. Simply order your ValueExchange part and return your core for a credit after you've replaced it. The value of the credit is determined based on the condition of your returned part.

Engines, Systems and PowerPacks

The sooner your equipment is up and running, the sooner you can get back to business. As you explore your options, you must consider total costs, including downtime, service time, repair charges and warranty exposure. Sometimes your schedule or budget doesn't allow for a traditional engine overhaul or new unit. ValueExchange engines, systems and PowerPacks offer you an efficient solution. Using original manufacturer parts and processes, we provide remanufactured products with proven MTU quality and durability—with identical warranty coverage and specifications as new MTU products.

ValueExchange engines, systems and PowerPacks offer great value. They can put your equipment back to work faster compared to an overhaul, and they're less expensive than purchasing new products—since your "cores" still have value. And with our no-hassle core acceptance policy, we provide the total costs to replace your product up front—preventing unplanned costs.

To maintain the highest standard of performance, we use only genuine MTU replacement parts in the remanufacturing process. All ValueExchange engines, systems and PowerPacks are rigorously dynamometer tested, using the same procedures as those used for new products.

Local support. Worldwide.

The reliability and performance of your engines and systems are crucial for your success and competitiveness. We are committed to your support. Our convenient global service network provides you this assurance.

Whenever and wherever you need expert support, MTU specialists are available. This continuous and long-term care ensures high availability, dependability and efficiency throughout the lifecycle of your engines and systems.

To find your local MTU distributor, visit www.mtu-online.com.



Local support. Worldwide.
We ensure that you receive individualized support from our global network of more than 1,200 service centers—anywhere, anytime.

- Global Headquarters
- Regional Headquarters
- Sales and Customer Service Center

