

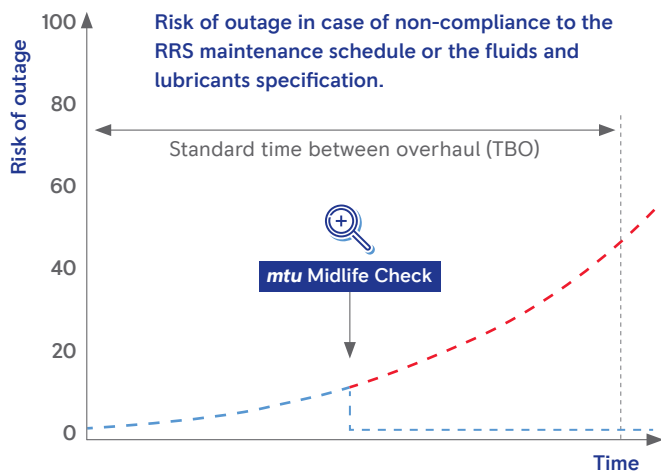


## Power Generation

# MIDLIFE CHECK

Improve the operational availability and efficiency of your **mtu** Series 4000 gendrive standby engine

Failure to comply with the RRS maintenance schedule and the fluids and lubricants specifications risks damaging your engine, possibly resulting in significant repair expenditure and even higher oncost. As an example, RRS would like to share a few unfortunate experiences some of our customers have had.



Despite the low number of operating hours, engine components were severely damaged as a result of using non-approved fluids and lubricants (oil, coolant and fuel) or exceeding their lifetime. Examples of this are the biological content in diesel fuel, diesel plague, condensation or failure to observe oil and coolant change intervals.

The operational reliability of the engine was impaired by failing to observe the engine and system component maintenance intervals crucial to engine operation.

### So what can you do to ensure the operational availability and reliability of your engine?

RRS offers customers a **Midlife Check** once their engine has reached its theoretical half-life. Conducted on-site by a **mtu**-certified application engineer and taking 8 hours at most, this **Midlife Check** includes:



A visual inspection of the engine and its auxiliary systems\*.



A test run and data logging.



Oil, coolant and fuel sampling including laboratory analysis and expert advice.

This comprehensive and qualified survey by one of our **mtu**-certified application engineers is rounded off with a detailed expert report on the present condition of your engine which also identifies potential risks down the line.

\* Depending on requirements, agreement and the original RRS scope of supply, inspection may include inspection of the entire cooling system



A Rolls-Royce solution

# Midlife Check for Series 4000 standby engines

## What happens after the Midlife Check?

RRS or one of its partners will scope out an specific offer free of charge, to minimize your risk and enhance the availability, efficiency and reliability of your engine.

This offer may include:

- Maintenance activities (as per RRS maintenance schedule)
- The installation of state-of-the-art **mtu** components developed as part of the RRS continuous product improvement process.
- Upgrades and optimizations
- Repair work on the engine and its auxiliary systems

## Any requirements customers or engines need to fulfill in advance?

- Your **mtu** Series 4000 standby engine should be ready for operation and ideally be between 9 and 12 years old, regardless of its actual runtime.
- Certified **mtu** application engineers are on-hand to perform this work on-site.
- The **Midlife Check** is invoiced at cost by your nearest RRS branch office or RRS partner.

## Interested?

Get in touch with RRS today and contact your local **mtu** service partner to learn more about our **Midlife Check** for Series 4000 standby engines.

Find your nearest service partner at [www.mtu-solutions.com](http://www.mtu-solutions.com)