



GREEN POINT IS EXPANDING CONTINUOUSLY WORLDWIDE. PLEASE CONTACT YOUR REGIONAL HEAD OFFICE FOR MORE INFORMATION.

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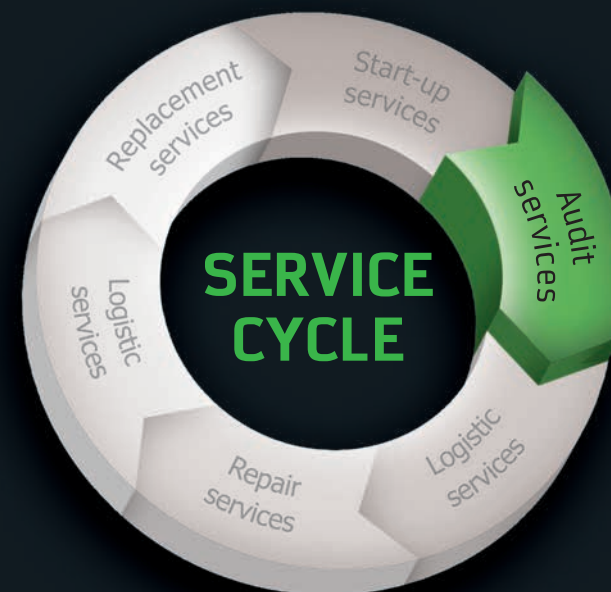
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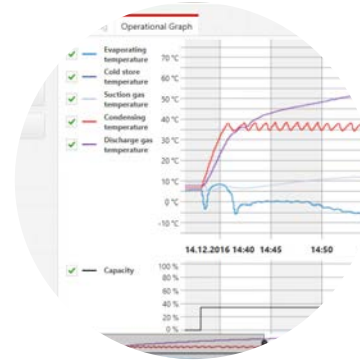
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COMPRESSOR ASSESSMENT





AUDIT SERVICES : COMPRESSOR ASSESSMENT

As part of the audit services, the compressor assessment target is the identification of dangerous operating conditions and also areas where the system can be fine tuned to increase reliability and efficiency.

During the site assessment Green Point will install monitoring equipment, the core

of which is the BITZER iQ module, to log refrigeration and electrical parameter of your compressor/system.

The time frame of the monitoring is recommended to be 1 full week, this can be extended in case further and deeper investigations are required.

In addition to the above mentioned parameter, the data log will also record information about the number of starts-stop cycles of your compressor and their length. Start-stop cycles, minimum running and minimum stand still times are often disregarded. However they are equally important to guarantee an extended life of the electrical motor, which is also the most expensive component within the compressor.

As the compressor is just a single component of a more or less complex refrigeration system, it is extremely important to collect information about the system configuration. These information will complete the scenario and complement the data recorded during the logging. For such reason part of the assessment will consist of a general review of the system design and configuration.

The collected data will be analyzed by Green Point engineers. A full report will be prepared inclusive of:

- Observations on the overall system
- Data log charts
- Comparative calculation with the BITZER Selection Software to identify deviations from the expected results
- Remarks on potentially critical conditions.

Target of the report is to highlight and recommend actions or fine tuning to stabilize or optimize the compressor operations.

Compressor assessment can be conducted in combination with oil analysis services or, alternatively, it could be the preliminary evaluation of the compressor ahead of a preventive maintenance service.

