



LiDIA

Diagnostic solution

LIEBHERR

Components
Combustion engines

What is LiDIA ?

LiDIA is an intuitive and user-friendly engine diagnostic solution, which requires no configuration, facilitates access to the engine environment and reduces the complexity of diagnostic procedures to the essentials. Command line capabilities allow an easy integration in existing business processes-driving automation. LiDIA offers a rapid overview of all information on the engine system: status, diagnostic trouble codes, limitations and failure reactions.

Guided diagnostics were added to provide «hands on» support for problem resolution.

Still blocked solving the issue? Hang on - the remote support will connect to your LiDIA instance and help you out!

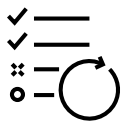
This emergent diagnostic solution, revolutionises the digital landscape and paves the road towards advanced analytics.

Features

- Permanent link to the production server obtain first hand updates from the engine OEM
- Visualization of subsystems (injection, exhaust gas after treatment, etc.)
- Automatic recognition of control devices
- Continuous expansion of functionalities-plug-in based system
- Continuous updates of troubleshooting guidelines and failure descriptions
- Clear visualisation of test sequences in system tests
- Easy creation of an ECU protocol listing the service actions performed
- Collection of troubleshooting aids
- Remote role management
- Secured and protected tool
- 24/7 central database access
- SSO MyLiebherr based login
- Capability to share the connection to the engine with a remote support team
- Community driven
- User's autonomy

LiDIA : Your complete diagnostic solution

Discover the power of LiDIA, your intuitive diagnostic solution designed to streamline your workflow and enhance productivity. With LiDIA, you get:



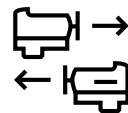
Dashboard / Service routines

Set of diagnostic routines to quickly verify correct functioning of subsystem, minimizing unnecessary component replacements.



Statistics

Comprehensible visualization of statistical data on the system and its components.



Component exchange / Wizard

Component replacements made easy. Wizards abstract the complexity of replacement procedures to the essential.



History / Timeline

An easy to use collection of diagnostic events captured over the engine lifecycle, from production up to «second life» usage.



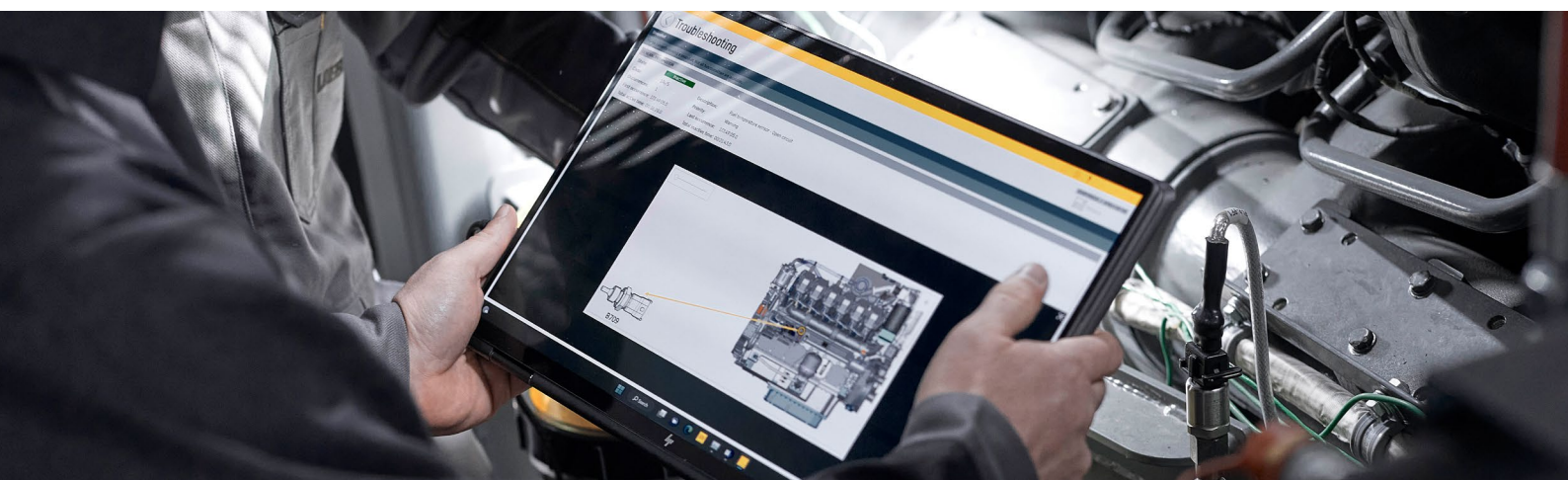
Remote access

This function allows a service technician to request assistance from a specialist who can work remotely on the engine via the on-site technician's connection.



Guide search

The guides are a comprehensive aid to engine troubleshooting, listing all the details needed by the service technician, from tips and tricks to decision diagrams to the component location.



LiDIA : Software licenses

Liebherr - Engine customer

Gain access to Liebherr’s service and knowledge base with your LiDIA license, available for an annual fee. Explore our comprehensive range of options outlined in the table below. Opt for the premium license to fulfill all your requirements effortlessly.

	Essential	Advanced	Premium
Reading of standard diagnostic details	✓	✓	✓
Display of sub-system dashboards	✓	✓	✓
Capability to share the connection to the engine	✓	✓	✓
Oscilloscope	✗	✓	✓
Standard customer routines	✗	✓	✓
DTCs clearing, including inducement	✗	✗	✓
Advanced customer routines, including oil & DPF exchange	✗	✗	✓

LiDIA: Where efficiency meets ease

Fields applications

LiDIA is your go-to solution for daily maintenance and system troubleshooting. With its extended version, delve into specific diagnostic functions for combustion engines. Our focus is on simplicity, ensuring an intuitive user experience. Share diagnostics data effortlessly with the Snapshot function, streamlining collaboration with colleagues or saving data for future analysis. LiDIA's production database ensures datasets are readily available for all your needs.

Want to know more?

Contact our sales team
li-lidia-sales@liebherr.com



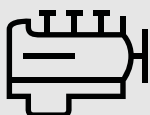
Components

The components division of the Liebherr Group offers a broad range of solutions in the area of mechanical, hydraulic, electric and electronic drive system and control technology. The efficient components and systems are produced at a total of ten production sites around the world to the highest standards of quality. Central contact persons for all product

lines are available to our customers at Liebherr-Components AG and the regional sales and distribution branches.

Liebherr is your partner for joint success: from the product idea to development, manufacture and commissioning right through to customer service solutions like remanufacturing.

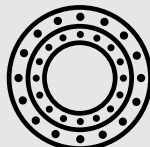
components.liebherr.com



Engines



Fuel injection systems



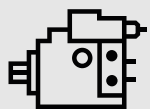
Slewing bearings



Gearboxes



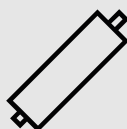
Winches



Hydraulic pumps
and motors



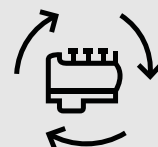
Hydraulic cylinders



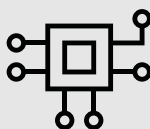
Piston accumulators



Electric machines



Remanufacturing



Industrial electronics



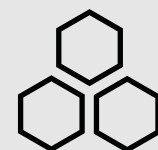
Electrical drive and
control technology



Drive systems



Aerospace electronics



Fibre composite

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