



Operating and maintenance instructions

Mini mist oiler

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Please read these instructions carefully for your own safety, before proceeding to the installation, use or maintenance of the mini mist oiler. This instructions must be conserved for future consultation.

General information

These operating instructions are an integral part of the mini mist oiler. Please read the instructions for use, safety regulations and instructions contained in these operating instructions carefully before installation, commissioning, adjustment or maintenance, as they provide important information regarding safe use and maintenance. To ensure safe use and correct maintenance, the mini mist oiler may only be used by an operator who is familiar with the contents of the operating instructions. The information contained in these operating instructions is necessary for the correct use of the mini mist oiler and completes the information that is part of the normal technical knowledge of the persons entrusted with its operation. For further information or specific solutions to problems, please contact our sales engineering.

Therefore, always keep the corresponding operating instructions with your product.

Mini mist oilers have been developed for specific applications. RIEGLER expressly points out that these must not be changed and/or used in a way that does not correspond to the intended use.

RIEGLER accepts no liability or warranty for injuries and damage resulting from improper use, use for other than the intended purpose or non-compliance with the safety regulations.

In addition, the accident prevention regulations and general safety regulations applicable to the area of use of the mini mist oiler must be observed.

Technical data

- Thread: G 1/4
- Max. operating pressure: 10 bar
- Temperature range: -5 to 60 °C
- Oil tank capacity: 5.5 cm³
- Recommended oils: Pneumatic special oil (101135) or other oils according to DIN 51 519 – ISO VG 32

Mini mist oiler

Article No.

Type No.

150086

MNOG14.10B.H

Intended use

Mini mist oilers are used to dose the compressed air with finely atomised oil mist. Due to its small design and low weight, the mini mist oiler is suitable for direct attachment to non-stationary, hand-held devices. Suitable for pneumatic tools with intermittent working rhythm, such as impact wrenches, nail guns, staplers, etc.

It is intended solely for this purpose. Any other use must be considered improper.

Improper use of the mini mist oiler or use that is not in accordance with the safety instructions may result in serious injuries.

Operational safety is only guaranteed if the device is used as intended, in accordance with the information in the operating instructions, the application notes and in compliance with the safety regulations.

Only operate mini mist oilers if they are in technically perfect and safe working condition.

Any use of the mini mist oiler that goes beyond its intended use and/or is different from its intended use is prohibited and is considered improper. Claims of any kind against the manufacturer and/or its authorised representatives arising from damage caused by improper use of the mini mist oiler are excluded.
The operator alone is liable for any damage caused by improper use.

General safety instructions; explanation

Explanation of symbols used

	General mandatory sign <i>This symbol indicates instructions which, if ignored, will result in damage, malfunction and/or failure of the appliance.</i>
	General warning sign <i>This symbol indicates important descriptions, dangerous conditions, safety hazards or safety instructions.</i>
	Observe instructions <i>The operator is obliged to read and observe all instructions for use, operating instructions and safety regulations and to instruct all users of the tool in accordance with these.</i>
	Use hand protection
	Wear eye and hearing protection
	Wear protective clothing



WARNING! Do not leave connected pneumatic tools unattended.

Risks

At the time of its development and production, the mini mist oiler was built according to current, recognised rules of technology and is considered safe to operate. However, the mini mist oiler may pose a danger if it is used improperly or not as intended by untrained personnel. Any person who is responsible for working on or with the mini mist oiler must therefore have read and understood the operating instructions, the application instructions and the safety regulations before starting work.

- The operating instructions, application notes and safety regulations must always be kept in the immediate vicinity of the mini mist oiler.
- Any modifications or additions to the mini mist oiler are prohibited.
- All safety, warning and operating instructions on the mini mist oiler must always be kept in a clearly legible condition. Damaged signs or stickers must be replaced immediately.
- Specified setting values or ranges must be strictly adhered to.

Before each use, the mini mist oiler must be checked for full functionality. If the functionality is not guaranteed according to the results of this test or if damage is detected, the mini mist oiler must not be used. If the mini mist oiler is not fully functional and is still used, there is a risk of significant physical injury, damage to health and property.



Wear work gloves. During load operation, vibrations are transmitted from the mini mist oiler to the operator. Be sure to wear work gloves.



Wear eye and hearing protection. Compressed air is dangerous. The airflow can damage sensitive parts of the body, such as eyes, ears, etc. Objects and dust stirred up by the air flow may cause injuries. Long-term exposure to the noise of a pneumatic tool may lead to permanent hearing loss.



Wear protective clothing.

- Always have all service or repair work carried out by qualified personnel.
- The mini mist oiler must not be connected upstream of spray and blow guns.
- Housing parts must not be removed.
- Modifications to the mini mist oiler are prohibited for safety reasons. Making any changes to the mini mist oiler will result in immediate exclusion of liability.
- The maximum operating pressure must not be exceeded! Exceeding the maximum permissible operating pressure may cause explosions and result in serious injuries.
- Check the mini mist oiler daily for cracks, breaks, deformations or other damage. Do not operate the mini mist oiler if it is damaged.
- Check that the hose connection is tight. Do not use damaged, worn or inferior pressure hoses or connectors. Pressure hoses swinging around may cause serious injuries.
- Only disconnect the mini mist oiler when it is depressurised. Pressure hoses swinging around may cause serious injuries.
- Only use dry, clean air.
- This device must not be operated in aggressive ambient air (e.g. solvent vapours).
- If leaks or other malfunctions occur in the mini mist oiler, the device must be immediately disconnected from the compressed air source and the cause of the fault must be remedied.



WARNING! The mini mist oiler is under pressure during operation!
Opening the mini mist oiler under pressure may cause damage and serious injuries.
Make sure that the mini mist oiler is no longer under pressure before opening the oil container!



DANGER! Harmful oil mists!
When oil is used, oil mists are produced in the compressed air system, which are harmful to health. The mini mist oiler may therefore only be operated in closed pneumatic systems, directly on compressed air tools.

Unpacking

After removing the packaging, ensure that the mini mist oiler is intact and check that no parts are visibly damaged. If in doubt, do not use the device and contact the manufacturer.

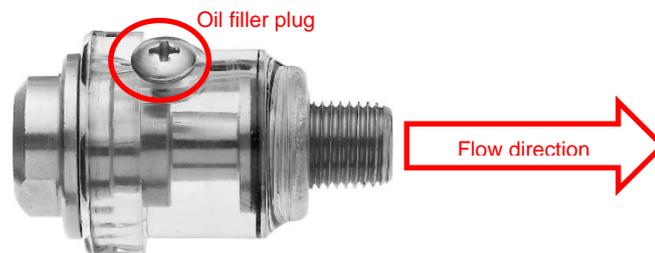
Commissioning



To ensure safe use and correct maintenance, the mini mist oiler may only be used by an operator familiar with the contents of the operating instructions. After removing the packaging, ensure that the product is intact, checking that there are no visibly damaged parts.

- A suitable compressed air supply is available at the installation site.
- Before connecting the mini mist oiler to the pneumatic compressed air supply, ensure that there is no pressure in the line.
- Connect the compressed air line to the connector on the mini mist oiler.

Operation



Attach the mini mist oiler directly to the tool. To ensure that the compressed air and the connected pneumatic tool are lubricated, the mini mist oiler must be moved regularly and unevenly in manual mode so that the oil enters the channel provided and is atomised.

To refill or top up, remove the screw on the side and fill with special pneumatic oil (101135).



DANGER! Only refill the mini oiler when it is depressurised. Please ensure that you use the special pneumatic oil (101135) or an oil of the same viscosity (DIN 51519 – ISO VG 32). When using oils of different viscosity, the oil requirement may vary considerably. Tools with high air consumption (l/min) have a correspondingly high oil requirement. Wash your hands after refilling.

Maintenance and repair

- The mini mist oiler must always be disconnected from the compressed air supply before carrying out maintenance work.
- Damaged or worn components must be replaced.
- When disposing of individual parts, lubricants and cleaning agents, ensure that the relevant environmental protection guidelines are observed.



DANGER! Before oiling, connecting or disconnecting the tool, disconnect the compressed air supply.



WARNING! Never point the outlet at people or objects.

Faults

To troubleshoot, please check whether the operating air contains dust, rust particles or condensate.

Storage, decommissioning, recommissioning

DANGER! The mini mist oiler must be stored and kept under the following conditions:

- Store the device in a dry, dust-free place
- Do not expose the device to liquids and/or aggressive substances
- Do not store the device outdoors
- Keep the device out of reach of children
- Storage temperature -10°C to +40°C
- Max. relative humidity of 60%

Disposal instructions

To dispose of the device, clean and disassemble it in compliance with the applicable occupational health and safety regulations. Recycle components.

Useful contacts and addresses

If you need any clarification or in case of doubts about this operating instruction, please contact RIEGLER & Co. KG to the following addresses:

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