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## Bergeon 1A

# Bergeon 1A Replacement Needle User Manual

Model: 1A | Brand: Bergeon

### Introduction

This manual provides essential instructions for the proper use, maintenance, and care of your Bergeon 1A Replacement Needle. This precision component is specifically designed for use with the Bergeon 7718-P (2718-P) automatic oiler, ensuring accurate and controlled application of lubricants in watchmaking and other delicate mechanical tasks. Please read these instructions carefully before use to ensure optimal performance and longevity of the product.

### Product Overview

The Bergeon 1A replacement needle is a high-precision, Swiss-made component crafted for the accurate application of oils. Its design ensures compatibility and seamless integration with the Bergeon 7718-P (2718-P) automatic oiler, making it an indispensable tool for professional watchmakers and enthusiasts requiring meticulous lubrication.



*Image: The Bergeon 1A Replacement Needle, housed within its clear protective tube with a black cap. This image illustrates the product as it is typically supplied.*

### Key Features:

- **Precision Engineering:** Designed for extremely accurate oil application.
- **Swiss Made:** Guarantees high quality and reliability.
- **Compatibility:** Specifically for Bergeon 7718-P (2718-P) automatic oilers.

## Setup

1. **Unpack the Needle:** Carefully remove the 1A replacement needle from its protective packaging. Handle the needle by its base to avoid damaging the delicate tip.
2. **Prepare the Oiler:** Ensure your Bergeon 7718-P (2718-P) automatic oiler is clean and free from any debris or old lubricant residues. Refer to your oiler's manual for specific cleaning instructions.
3. **Install the Needle:** Gently insert the base of the 1A replacement needle into the designated slot on the automatic oiler. Ensure it is seated firmly and securely. Do not force the needle, as this may cause damage.

4. **Verify Attachment:** Lightly tug on the needle to confirm it is properly attached and will not detach during use.

## Operating Instructions

The Bergeon 1A replacement needle is designed for precise oil application. Follow these steps for optimal results:

1. **Fill the Oiler:** Fill the Bergeon 7718-P (2718-P) automatic oiler with the appropriate watch oil or lubricant as per the oiler's instructions and the specific requirements of the component you are lubricating.
2. **Prime the Needle:** Before applying oil to the workpiece, prime the needle by dispensing a small amount of oil onto a clean, lint-free surface. This ensures a consistent flow and removes any air bubbles.
3. **Apply Oil:** Position the tip of the 1A needle precisely over the lubrication point. Gently depress the oiler's mechanism to dispense a controlled droplet of oil. The fine tip allows for very small and accurate applications.
4. **Avoid Over-Oiling:** Apply only the necessary amount of oil. Over-oiling can lead to contamination and negatively affect the performance of delicate mechanisms.
5. **Clean After Use:** After each use, clean the needle tip to prevent oil from drying and clogging.

## Maintenance

Proper maintenance extends the life and ensures the accuracy of your Bergeon 1A replacement needle.

- **Cleaning the Tip:** After each use, wipe the needle tip with a clean, lint-free cloth or a specialized cleaning paper. For stubborn residues, a small amount of watch cleaning solution can be used, followed by thorough drying.
- **Storage:** Store the needle in its original protective tube or a similar secure container when not in use. This prevents accidental bending or damage to the delicate tip and protects it from dust and contaminants.
- **Inspection:** Regularly inspect the needle tip for any signs of bending, dullness, or damage. A damaged needle can lead to inaccurate oil application and should be replaced.
- **Avoid Harsh Chemicals:** Do not use abrasive cleaners or harsh solvents on the needle, as these can degrade the material or affect its precision.

## Troubleshooting

| Problem | Possible Cause | Solution |
|---|---|---|
| Oil flow is inconsistent or blocked. | Needle tip is clogged with dried oil or debris. | Clean the needle tip thoroughly using a suitable cleaning solution and a lint-free cloth. Ensure the oiler reservoir is also clean. |
| Needle detaches from oiler during use. | Needle not properly seated or secured. | Re-insert the needle, ensuring it is firmly and correctly seated in the oiler's mechanism. |
| Oil droplet size is incorrect. | Damaged needle tip or incorrect oiler setting. | Inspect the needle tip for damage; replace if necessary. Check the automatic oiler's settings for droplet size adjustment. |

## Specifications

**Model:** 1A

**Compatibility:** Bergeon 7718-P (2718-P) Automatic Oiler

**Material:** Precision-engineered metal

**Origin:** Swiss Made

**Package Dimensions:** Approximately 1.57 x 0.78 x 0.78 inches

**Item Weight:** Approximately 0.32 ounces

## Warranty and Support

The Bergeon 1A Replacement Needle is manufactured to high standards. This product comes with an extended warranty. For specific warranty details, claims, or technical support, please refer to the official Bergeon website or contact your authorized Bergeon dealer. Please retain your proof of purchase for warranty purposes.

**Manufacturer:** BERGEON

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