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INSTRUCTION MANUAL

1. Introduction

The Liquid Rescue 100% Synthetic Lubricant is engineered to provide superior lubrication for various moving parts. This product is formulated to prevent the common issues associated with petroleum-based oils, such as evaporation, gumming, and residue buildup. Its synthetic composition ensures consistent performance and longevity for lubricated mechanisms.

Key features include:

- 100% synthetic formulation, ideal for alternators and other precision components.
- Designed to displace existing sticky petroleum-based oils and sprays.
- Safe for use on plastics, various finishes, and painted surfaces.
- Effective for all types of moving parts, whether metal or plastic.
- Virtually odorless for a more pleasant application experience.

2. Product Contents

Each package of Liquid Rescue 100% Synthetic Lubricant contains:

- One (1) bottle of Liquid Rescue 100% Synthetic Lubricant (1 Fluid Ounce)
- Two (2) needle tips for precise application





Figure 1: Liquid Rescue 100% Synthetic Lubricant bottle with one needle tip attached and another detached. The bottle contains a golden-colored lubricant. The needle tips are thin metal tubes with green plastic bases and black protective caps, designed for precise application in tight spaces.

3. Setup and Preparation

1. **Inspect Contents:** Verify that all items listed in Section 2 are present and undamaged.
2. **Attach Needle Tip:** Carefully remove the cap from the lubricant bottle. Select one of the provided

needle tips and firmly attach its green plastic base onto the bottle's nozzle. Ensure it is securely seated to prevent leaks during application.

3. **Prepare Application Area:** For best results, ensure the area to be lubricated is free from excessive dirt or debris. While Liquid Rescue is designed to displace old oils, a clean surface can enhance initial penetration.

4. Operating Instructions

Follow these steps for effective lubrication:

1. **Target Application Point:** Use the fine needle tip to precisely apply a small amount of lubricant directly to the moving parts, bearings, bushings, or pulleys that require lubrication.
2. **Apply Sparingly:** A small drop is often sufficient. Avoid over-application, as this can lead to excess lubricant accumulation.
3. **Work into Mechanism:** After applying, gently operate the mechanism (e.g., rotate a bearing, move a pulley) to help the lubricant penetrate and spread evenly.
4. **Observe and Reapply (if necessary):** Listen for reduced noise or feel for smoother movement. If the mechanism remains stiff or noisy, apply another small drop and re-operate.
5. **Initial Displacement:** If previous petroleum-based oils were used, Liquid Rescue will gradually flush away the residue over time. Initial applications may show more significant improvement as the synthetic lubricant displaces older, gummy residues.

5. Maintenance

- **Storage:** Store the bottle upright in a cool, dry place, away from direct sunlight and extreme temperatures. Ensure the cap is tightly secured to prevent evaporation or contamination.
- **Needle Tip Care:** After use, replace the protective cap on the needle tip. If the needle tip becomes clogged, gently clean it with a thin wire or by flushing with a small amount of lubricant.
- **Bottle Cleaning:** Keep the exterior of the bottle clean to prevent dust and debris from contaminating the lubricant.

6. Troubleshooting

If you encounter issues, consider the following:

- **Mechanism still noisy/stiff:**
 - Ensure lubricant was applied directly to the moving parts.
 - Allow time for the lubricant to penetrate, especially if old, gummy oils were present. Reapply if necessary.
 - Verify that the mechanism itself is not damaged or misaligned, which lubrication cannot resolve.
- **Needle tip clogged:**
 - Remove the needle tip and attempt to clear the obstruction with a fine wire.
 - If unsuccessful, use the second provided needle tip.

7. Specifications

Attribute	Detail
Brand	Liquid Rescue
Product Type	100% Synthetic Lubricant
Liquid Volume	1 Fluid Ounce
Item Weight	3 Ounces (including packaging)
Viscosity	Medium
Compatibility	Safe for all plastics, finishes, painted surfaces, and compatible with vintage and current oils.

8. Safety Information

- Keep out of reach of children and pets.
- Avoid prolonged skin contact. Wash hands thoroughly after handling.
- In case of eye contact, flush thoroughly with water for several minutes. If irritation persists, seek medical attention.
- Do not ingest. If swallowed, do not induce vomiting. Seek immediate medical attention.
- Use in a well-ventilated area.
- Dispose of product and packaging in accordance with local regulations.

9. Warranty and Support

Liquid Rescue offers a 100% refund if you are not completely satisfied with the product. For support or to initiate a refund, please contact the manufacturer directly through their official channels or the retailer from whom the product was purchased.

For more information, visit: www.liquidbearings.com