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HD Switch X-ONE Super Grease

X-ONE High-Temperature Heavy Duty Spindle Bearing Grease User Manual

Brand: HD Switch | **Model:** X-ONE Super Grease

1. Introduction

The X-ONE Super Grease is a high-performance lubricant manufactured in the USA exclusively for HD Switch. This heavy-duty grease is engineered for extremely demanding applications, specifically designed to withstand high temperatures, high speeds, and high loads commonly found in lawn mower and tractor spindle applications. Its robust formulation also makes it an excellent choice for lubricating wheel bearings, bushings, and other greaseable points in various outdoor power equipment and heavy machinery.

Image 1.1: X-ONE Super Grease in its packaging, a black and yellow tube. This grease is formulated for heavy-duty applications in lawn mowers and tractors.

2. Safety Information

Always observe the following safety precautions when handling and applying X-ONE Super Grease:

- Wear appropriate personal protective equipment (PPE), including gloves and eye protection, to prevent skin and eye contact.
- Ensure adequate ventilation when working in enclosed spaces.
- Keep out of reach of children and pets.
- Do not ingest. If swallowed, seek immediate medical attention.
- Dispose of used grease and containers according to local regulations.

3. Setup and Preparation

Before applying X-ONE Super Grease, ensure the following steps are completed:

1. **Clean the Application Area:** Thoroughly clean the grease fitting and surrounding area to remove dirt, debris, and old, contaminated grease. This prevents foreign particles from entering the bearing or component.
2. **Inspect Components:** Check the components (e.g., spindle bearings, wheel bearings) for any signs of damage, wear, or corrosion. Address any issues before lubrication.
3. **Prepare Grease Gun:** Load the X-ONE Super Grease cartridge into a compatible grease gun. Ensure the gun is clean and free of contaminants from previous grease types to avoid mixing incompatible lubricants.

4. Operating Instructions (Application)

X-ONE Super Grease is suitable for various greaseable points. Follow these general application guidelines:

- **Spindle Bearings (Lawn Mowers/Tractors):**

  Locate the grease fittings on the mower deck spindles. Attach the grease gun nozzle firmly to the fitting. Slowly pump grease until a small amount of fresh grease begins to purge from the seals or until resistance is felt. Avoid over-greasing, which can lead to seal damage or excessive heat buildup.
- **Wheel Bearings:**

  For sealed wheel bearings, follow manufacturer's instructions for re-packing. For bearings with grease fittings, apply grease until fresh grease purges from the opposite side or until the bearing cavity is adequately filled. Rotate the wheel slowly during application if possible.
- **Bushings, Casters, Axles, and Other Greaseable Points:**

  Apply grease to fittings until a slight resistance is felt or until fresh grease is visible. The frequency of application depends on the operating conditions and manufacturer recommendations for the specific component.

Image 4.1: This image illustrates the versatility of X-ONE Super Grease, highlighting its suitability for heavy-duty applications on various greaseable points including wheel bearings, casters, axles, and tough spindle applications.

5. Maintenance and Storage

Proper maintenance and storage ensure the longevity and effectiveness of X-ONE Super Grease:

- **Storage:** Store the grease in its original sealed container in a cool, dry place, away from direct sunlight and extreme temperatures. Keep the container tightly closed to prevent contamination.
- **Contamination Prevention:** Always ensure the grease gun and fittings are clean before and after use to prevent dirt, water, or incompatible lubricants from contaminating the grease.
- **Disposal:** Dispose of used grease and empty containers responsibly, following all local environmental regulations. Do not pour grease down drains or dispose of it in regular trash.

6. Troubleshooting

This section addresses common issues that may arise during the use of X-ONE Super Grease.

Problem	Possible Cause	Solution
Grease not flowing from gun.	Air lock in grease gun; clogged fitting; grease too cold.	Bleed air from grease gun; clean or replace fitting; warm grease to room temperature.
Inadequate lubrication after application.	Insufficient grease applied; component damage; incorrect application frequency.	Apply more grease until purge is observed; inspect component for damage; increase lubrication frequency based on usage.
Contamination of grease.	Dirty grease gun or fittings; open container.	Clean grease gun and fittings before use; keep grease container sealed when not in use.

7. Specifications

Key specifications for X-ONE Super Grease:

Attribute	Detail
Brand	HD Switch
Item Form	Grease
Specific Uses For Product	Prevent Corrosion, High Load, High Temperature Applications
Package Information	Round Metal
Manufacturer	HD Switch
First Available Date	February 14, 2025

Image 7.1: This image highlights the key performance characteristics of X-ONE Super Grease, including its high temperature rating, high speed rating, moisture resistance, and the presence of anti-wear additives, ensuring durability and protection.

8. Warranty and Support

For information regarding product warranty or technical support, please contact HD Switch directly. Details can typically be found on the product packaging or the official HD Switch website.

Contact Information: Refer to the manufacturer's official website or product packaging for the most current contact details.

Image 8.1: The HD Switch X-ONE Super Grease logo alongside a bearing and a "Made in USA" emblem, emphasizing the product's origin and quality.

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This manual is for informational purposes only. Always refer to the equipment manufacturer's guidelines for specific lubrication requirements.