Saved from manuals.plus.
Open the live page for links to other documents and user manuals.

Seapple 105-1073-006

Seapple Hydraulic Motor 105-1073-006 User Manual

Model: 105-1073-006 | Compatible with Eaton Char-Lynn 2000 Series

Introduction

This manual provides essential information for the safe and effective installation, operation, and maintenance of your Seapple Hydraulic Motor, model 105-1073-006. This motor is designed as a direct replacement and is compatible with Eaton Char-Lynn 2000 Series hydraulic systems. Please read this manual thoroughly before attempting any procedures to ensure proper function and longevity of the product.

Safety Information

Warning: Hydraulic systems operate under high pressure and can cause serious injury or death if not handled correctly. Always follow safety precautions.

- Ensure all hydraulic lines are depressurized before disconnecting or connecting any components.
- Wear appropriate personal protective equipment (PPE), including safety glasses and gloves.
- Verify that the motor is correctly sized and rated for your application.
- Do not exceed the maximum operating pressure or speed specified for the motor.
- Keep the work area clean and free of obstructions.
- Only qualified personnel should perform installation and maintenance.

Product Overview

The Seapple Hydraulic Motor 105-1073-006 is a robust and reliable component for various industrial and automotive applications. Key features include:

- Part Number: 105-1073-006 (also known as 1051073006, 105-1073)
- Condition: New
- Compatibility: Designed for use with Eaton Char-Lynn 2000 Series systems.
- Engine Type: Suitable for Diesel applications.
- Fitment Type: Direct Replacement.



Figure 1: Front view of the Seapple Hydraulic Motor 105-1073-006, showing the output shaft.



Figure 2: Side view of the Seapple Hydraulic Motor, highlighting the hydraulic port connections.



Figure 3: Angled view of the Seapple Hydraulic Motor, illustrating the mounting flange for installation.

Setup and Installation

1. **Preparation:** Ensure the hydraulic system is clean and free of contaminants. Verify that the mounting surface is flat and rigid.
2. **Mounting:** Securely mount the hydraulic motor using appropriate fasteners. Ensure proper alignment with the driven component.
3. **Hydraulic Connections:** Connect the pressure, return, and drain lines (if applicable) to the correct ports on the motor. Use appropriate fittings and sealants to prevent leaks. Refer to system schematics for correct port identification.
4. **Shaft Connection:** Connect the motor shaft to the driven load. Ensure proper coupling and alignment to prevent premature wear.

5. **System Fill and Bleed:** Fill the hydraulic reservoir with the recommended fluid. Bleed air from the system according to the equipment manufacturer's instructions.
6. **Initial Check:** Before full operation, perform a brief test run at low pressure and speed to check for leaks, unusual noises, or vibrations.

Important Note: Always double-check that this product fits your specific application by verifying part numbers and photos before installation. The actual color of the product may vary slightly due to display differences.

Operating Instructions

Once installed, the hydraulic motor operates as part of a larger hydraulic system. Adhere to the following general guidelines:

- **Fluid Requirements:** Use only the type and viscosity of hydraulic fluid recommended by the original equipment manufacturer.
- **Temperature Range:** Operate the motor within the specified temperature range for both the fluid and ambient conditions.
- **Pressure Limits:** Do not exceed the maximum operating pressure of the motor or the system.
- **Start-up:** Gradually increase pressure and speed during start-up to allow the system to stabilize.
- **Monitoring:** Regularly monitor system pressure, temperature, and fluid levels during operation.
- **Shutdown:** Follow proper shutdown procedures for your hydraulic system.

Maintenance

Regular maintenance is crucial for the longevity and optimal performance of your hydraulic motor.

- **Fluid Quality:** Periodically check the hydraulic fluid for contamination and degradation. Replace fluid and filters according to the system manufacturer's schedule.
- **Leak Inspection:** Inspect all hydraulic connections and seals for leaks. Address any leaks promptly.
- **Mounting Security:** Verify that the motor remains securely mounted and that all fasteners are tight.
- **Shaft Alignment:** Check for proper shaft alignment and coupling condition.
- **Cleanliness:** Keep the exterior of the motor clean to prevent dirt and debris from entering the system.

Troubleshooting

If you encounter issues with your hydraulic motor, consider the following common problems and solutions:

Problem	Possible Cause	Solution

Problem	Possible Cause	Solution
Motor not rotating or rotating slowly	Low hydraulic fluid level, clogged filter, insufficient pressure, air in system, internal motor damage.	Check fluid level and add if necessary. Replace filter. Verify pump operation and pressure settings. Bleed air from system. Inspect motor for damage (if safe to do so).
Excessive noise or vibration	Air in system, cavitation, misalignment, worn bearings, loose mounting.	Bleed air. Check for proper fluid level and viscosity. Inspect alignment and mounting. Consult a professional for internal issues.
Overheating	Low fluid level, contaminated fluid, excessive load, restricted flow, faulty cooler.	Check fluid level and quality. Reduce load. Inspect hydraulic lines for restrictions. Check cooler function.
Leaks	Loose fittings, damaged seals, cracked housing.	Tighten fittings. Replace damaged seals. If housing is cracked, motor replacement may be necessary.

If troubleshooting steps do not resolve the issue, contact qualified service personnel.

Specifications

Attribute	Detail
Product Name	Hydraulic Motor
Brand	Seapple
Model / Part Number	105-1073-006, 1051073006, 105-1073
Compatibility	Eaton Char-Lynn 2000 Series
Condition	New
Engine Type	Diesel
Fitment Type	Direct Replacement
UPC	765053672634
ASIN	B0CXCZ7HYR

Warranty Information

This Seapple Hydraulic Motor 105-1073-006 comes with a **1-Year Warranty** from the date of purchase. This warranty covers defects in materials and workmanship under normal use and service. It does not cover damage resulting from improper installation, misuse, neglect, accident, or unauthorized repair or modification. Please retain your proof of purchase for warranty claims.

Support

For technical assistance, warranty claims, or further inquiries regarding your Seapple Hydraulic Motor, please contact the seller or manufacturer directly through the platform where the product was purchased. When contacting support, please have your product model number (105-1073-006) and proof of purchase readily available.
You can visit the Seapple Store on Amazon for more information about our products.

© 2024 Seapple. All rights reserved.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

Open the live page

https://manuals.plus/asin/B0CXCZ7HYR

More documents and user manuals: **https://manuals.plus/**