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> [XYZIL Hydraulic Filter 4265229M92 Instruction Manual for Massey Ferguson GC2300, GC2310, GC2400, GC2410, GC2600, 1526, ST22A Tractors](#)

### XYZIL 4265229M92

# XYZIL Hydraulic Filter 4265229M92 Instruction Manual

For Massey Ferguson GC2300, GC2310, GC2400, GC2410, GC2600, 1526, and Agco ST22A Tractors

## 1. PRODUCT OVERVIEW

The XYZIL Hydraulic Filter 4265229M92 is a critical component designed to maintain the cleanliness and efficiency of your tractor's hydraulic system. It effectively removes contaminants from hydraulic fluid, preventing wear and tear on hydraulic components and ensuring optimal performance and longevity of your machinery.

### 1.1 Compatibility

This hydraulic filter is compatible with the following tractor models:

- **Massey Ferguson Compact Tractors:** GC2300, GC2310, GC2400, GC2410, GC2600, 1526
- **Agco Tractors:** ST22A

*Please verify the part number and visual appearance against your existing filter to ensure correct fitment. Refer to your tractor's service manual for specific filter requirements.*

## 2. SAFETY INFORMATION

Always prioritize safety when working with hydraulic systems. Failure to follow safety precautions can result in serious injury or damage to equipment.

- **Personal Protective Equipment (PPE):** Always wear appropriate PPE, including safety glasses, gloves, and protective clothing, when handling hydraulic fluids or components.
- **System Pressure:** Hydraulic systems operate under high pressure. Ensure the system is depressurized before attempting any service or maintenance. Consult your tractor's service manual for depressurization procedures.
- **Hot Surfaces:** Engine and hydraulic components can be hot. Allow sufficient time for the system to cool before servicing.
- **Fluid Handling:** Hydraulic fluid can be an irritant. Avoid prolonged skin contact. Dispose of used fluid and filters responsibly according to local regulations.
- **Tools:** Use only appropriate tools for the job. Ensure tools are in good condition.

### 3. INSTALLATION INSTRUCTIONS

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Follow these steps for proper installation of the hydraulic filter. Refer to your tractor's service manual for exact location and specific procedures.

1. **Prepare the Tractor:** Park the tractor on a level surface, engage the parking brake, and turn off the engine. Allow the hydraulic system to cool down and depressurize.
2. **Locate the Filter:** Identify the existing hydraulic filter. It is typically a spin-on canister type.
3. **Place Drain Pan:** Position a suitable drain pan beneath the filter housing to collect any spilled hydraulic fluid.
4. **Remove Old Filter:** Use a filter wrench to loosen and remove the old hydraulic filter. Be prepared for some fluid to drain out.
5. **Clean Mounting Surface:** Thoroughly clean the filter mounting base on the tractor, ensuring no debris or old gasket material remains.
6. **Prepare New Filter:** Apply a thin film of clean hydraulic fluid to the new filter's rubber gasket. This ensures a proper seal.
7. **Install New Filter:** Carefully thread the new XYZIL Hydraulic Filter 4265229M92 onto the mounting base. Hand-tighten until the gasket makes contact with the base, then tighten an additional 3/4 to 1 full turn as specified by your tractor's manual. Do not overtighten.
8. **Check Fluid Level:** After installation, check the hydraulic fluid level and add fluid if necessary, using the type recommended by your tractor manufacturer.
9. **Start Engine and Inspect:** Start the tractor engine and allow it to run for a few minutes. Check for any leaks around the new filter. If leaks are present, turn off the engine, depressurize the system, and re-tighten the filter slightly.



Image 3.1: XYZIL Hydraulic Filter 4265229M92, showing the overall appearance and part number.

#### 4. OPERATION

Once installed, the hydraulic filter operates continuously to clean the hydraulic fluid as it circulates through the system. It is a passive component that requires no direct user interaction during normal operation. The filter's primary function is to protect the hydraulic pump, valves, cylinders, and other components from damage caused by particulate contamination.

#### 5. MAINTENANCE AND REPLACEMENT

Regular replacement of the hydraulic filter is crucial for the health of your tractor's hydraulic system. Consult your tractor's service manual for the recommended replacement intervals, which are typically based on operating hours or calendar time.

## 5.1 Replacement Schedule

- Follow the manufacturer's recommended service schedule for your specific tractor model.
- Consider more frequent replacement if operating in dusty or harsh environments, or if the hydraulic system shows signs of contamination.

## 5.2 Replacement Procedure

The replacement procedure is identical to the installation steps outlined in Section 3. Always ensure the system is depressurized and cool before beginning work.

## 6. TROUBLESHOOTING

Issues related to hydraulic filters are often symptoms of broader hydraulic system problems. Here are some common scenarios:

Symptom	Possible Cause	Action
Reduced hydraulic performance (slow operation, weak lift)	Clogged hydraulic filter	Replace the hydraulic filter. Check hydraulic fluid level and condition.
Hydraulic system overheating	Restricted fluid flow due to clogged filter	Replace the hydraulic filter. Inspect hydraulic cooler for blockages.
Filter housing leaks after replacement	Improperly tightened filter, damaged gasket, or debris on mounting surface	Ensure mounting surface is clean. Apply thin film of fluid to gasket. Hand-tighten, then turn 3/4 to 1 full turn. Do not overtighten.
Unusual noises from hydraulic pump	Fluid starvation due to severely clogged filter or low fluid level	Check hydraulic fluid level. Replace filter immediately.

*If troubleshooting steps do not resolve the issue, consult a qualified service technician or your tractor's service manual.*

## 7. TECHNICAL SPECIFICATIONS

Key specifications for the XYZIL Hydraulic Filter 4265229M92:

- **Part Number:** 4265229M92
- **Alternate Part Numbers:** 4265229M1, WL10285, 5258877M91, P506020, 20M6011230
- **Thread Size:** M16 x 1.5
- **Item Weight:** Approximately 14.72 ounces (0.417 kg)
- **Outer Diameter (OD):** 83 mm (3.27 inches)
- **Height:** 115.6 mm (4.55 inches)
- **Product Grade:** Replacement Part
- **Vehicle Service Type:** Tractor



Image 7.1: XYZIL Hydraulic Filter 4265229M92 showing key dimensions (OD and Height).

## 8. WARRANTY AND CUSTOMER SUPPORT

### 8.1 Warranty Information

The XYZIL Hydraulic Filter 4265229M92 comes with a one-year warranty from the date of purchase. This warranty covers manufacturing defects and material flaws under normal use and service. It does not cover damage resulting from improper installation, misuse, neglect, accident, or unauthorized modification.

### 8.2 Customer Support

If you have any questions regarding the installation, operation, or compatibility of your XYZIL Hydraulic Filter, or if you encounter any issues covered by the warranty, please contact XYZIL customer support.

When contacting support, please have your purchase details and the part number ready.