

Quality Counts

WITH GENUINE TORO HYDRAULIC FILTERS

Although filters may look the same and parts house substitution books say they are same, you need to take a closer look at what's inside.

- **Rigid Cast Base** – Cheaper filters may have a stamped steel base. This type of base can flex and leak, causing fluid to bypass.
- **Filter Element Seal** – Toro filters have a rubber seal, which is captive in the end of the filter. Competitive filters may use a non-captive seal, which could leak under higher pressure situations.
- **No Bypass Valves** – Most Toro hydraulic filters do not have a bypass, because it can allow unfiltered oil and contaminants to flow past the filter and back into the reservoir. You may see a bypass in a competitive filter that can be used in applications that require one. However, this means their filter isn't designed to match our specifications and could let contaminants into the system.
- **Filter Element** – You can easily see that our filter element has steel ends and is fully glued on the end. In other filters the element may or may not be glued or the glue may be uneven.
- **Micron Rating** – With a Toro filter you know the paper media is the correct micron rating.
- **Spring Coil** – Our spring coil design resists heat deformation, whereas other filters use a wafer type spring that can change tension greatly under different temperatures.

OUR PROMISE TO YOU

To best protect your investment and maintain optimal performance of your turf equipment, count on Toro genuine parts. When it comes to reliability, Toro delivers replacement parts designed to the exact engineering specifications of our equipment. For peace of mind, insist on Toro genuine parts.

TORO PROVIDES:

- **Industry Leading Fill Rates** – Your local distributor, supported by Toro's parts network, offers the parts you need when you need them.
- **Part Availability** – Most local distributors deliver parts within 24 hours. Toro backs this promise with 48-hour delivery support.
- **Competitive Pricing** – Toro is comparable to will-fit providers.
- **Quality** – Genuine Toro service parts are the same parts used on the original equipment, ensuring maximum performance with less downtime.
- **Unparalleled Customer Service** – Count on dedicated support for your Toro parts needs.
- **Peace of Mind** – With genuine Toro parts, you get the right part with the correct specifications. There's no need to wonder if the part will work.

INSIST ON THE BEST. INSIST ON GENUINE TORO FILTERS.

For more information, contact your local Toro distributor at 800-803-8676.

TLC™
Toro Loyalty Counts
PARTS REWARD PROGRAM

Earn points for your qualifying parts purchases good toward Toro merchandise or parts credit. Sign up today at www.toro.com/tlc.

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Hydraulic Filters



TORO®

GENUINE TORO® PARTS

PREVENT COSTLY HYDRAULIC SYSTEM FAILURES



Over 75% of all hydraulic system failures are believed to be caused by contamination.

These failures cost your business money — not only for replacement components, but also for lost production while the unit is down. If the oil is contaminated to the point that it needs to be replaced early, that also adds to your operating costs.

All of these costs can be avoided by properly maintaining your equipment and keeping the hydraulic oil clean.

GENUINE TORO QUALITY

Genuine Toro filters are among the highest quality filters you can buy. From premium filtration media to durable casting, Toro filters keep your equipment running smoothly. And each filter is designed to fit a specific application.

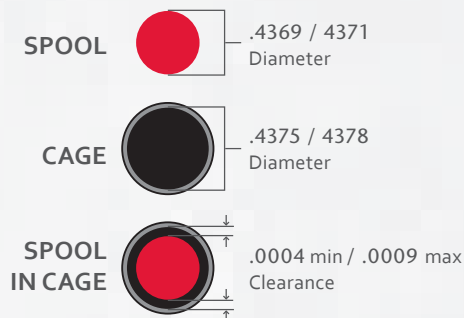
WHY IS CONTAMINATION SUCH A BIG DEAL?

Contamination — be it water, dirt or metal — will limit the oil's ability to perform these four main functions:

1. Oil is what actually transmits the energy (work) through the system.
2. Oil is needed to lubricate all the moving parts of the system.
3. Oil acts as a heat transfer and carries heat away.
4. Oil seals up small clearances in the hydraulic system.

Hydraulic systems leave no room for error. For instance, the spool section of an electric solenoid valve has a clearance of .0004 to .0009 — too small to handle contaminants in the oil without experiencing a problem. This is just one example of why clean oil is so important.

ELECTRONIC SOLENOID VALVE SPOOL TO BORE FIT



MICRON RATINGS

Micron ratings are often used to communicate the contaminant removal capability of a liquid filter, however, micron ratings can be misleading if you don't fully understand how to use them. For example, if we take a look at a typical Toro hydraulic filter for a Reelmaster 4500, you will find the Toro filters capture 50% of 2 micron particles and 95% of 3 micron particles. Compare that to competitors' filters, which are rated to capture 96% of 4 micron particles and 98% of 20 micron particles (they are not even rated for 2 or 3 micron particles).

RELATIVE SIZE OF PARTICLES

