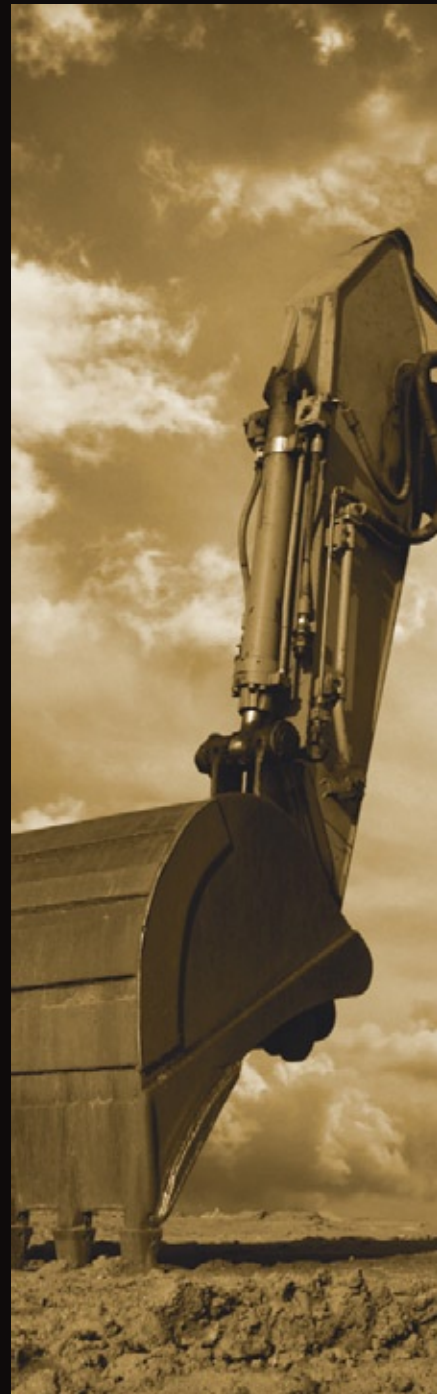


WIX[®]

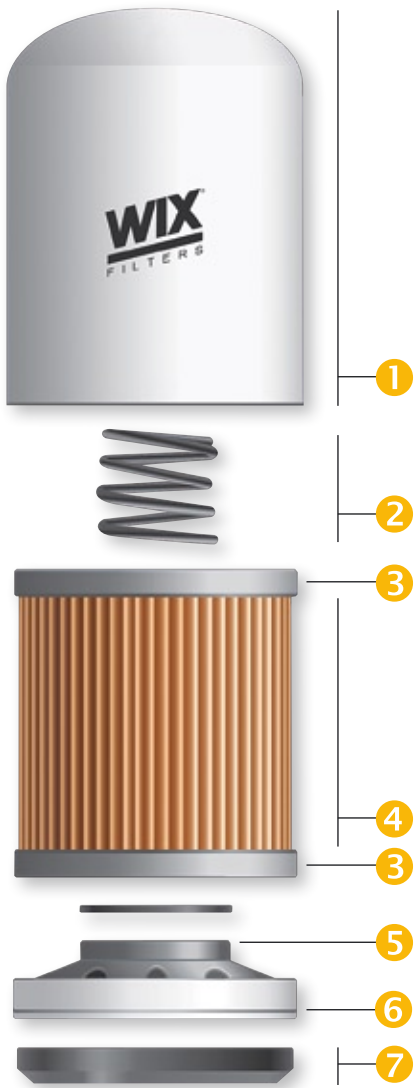
FILTERS

**Transmission and hydraulic filters
for truck, buses and heavy duty vehicles**



WIXtreme protection

WIX Heavy Duty Transmis



Hydraulic and transmission filters fulfill a crucial role in removing contaminants from the fluids they're designed to filter. Paying attention to hydraulic and transmission filtration is equally vital to the health of your vehicles and equipment.

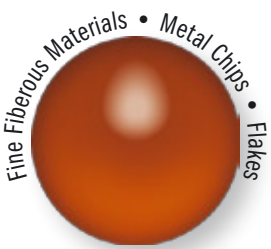
As with any filter on the market, some are better than others. Nearly 70 years ago, WIX Filters made its initial impact on the market by launching business with its line of Heavy Duty filters for Heavy Duty and agricultural equipment. WIX knows filters and the crucial function they perform in protecting both hydraulic and transmission systems — preventing the formation of sludge, varnish or clogged passages.

So why should you rely on WIX Filters' line of Heavy Duty hydraulic and transmission filters to protect your fleet of vehicles and equipment? Consider these features when you decide to purchase your next spin-on or replacement cartridge filter.

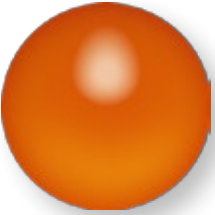
Constantly growing coverage for both cartridge-style and spin-on-style filters for mobile and industrial applications.

Cartridge-style filters made with heavy-gauge, tin-plated steel outer bodies and spiral-wound center tubes for consistent structural integrity.

Spin-on-style filters made with heavy-gauge steel containers and base-plates with rolled, internal threads for easy installation.

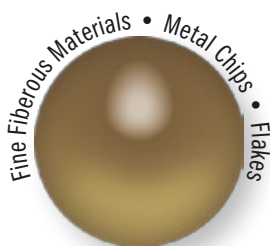


transmission filtered elements

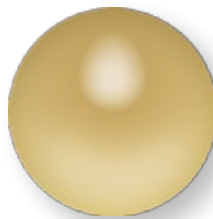


Design and Hydraulic Filters

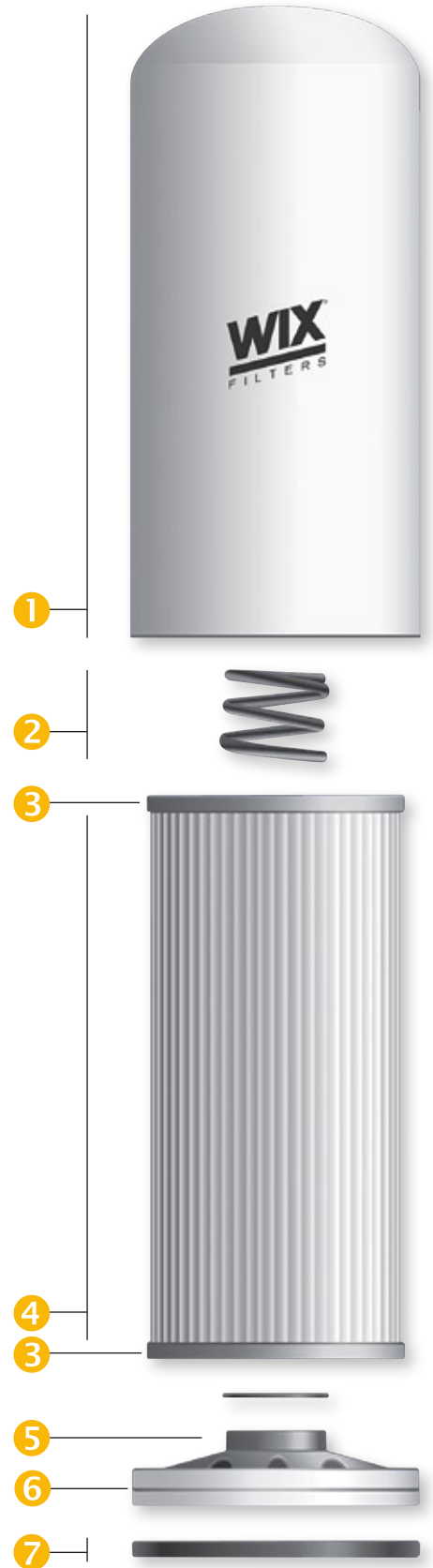
- 1 The Filter Can is specially designed to withstand high static pressures and coated with a baked-enamel finish to prevent rust and corrosion.
- 2 The Coil Spring has specially rounded ends to prevent can and element damage. This kicked-and-tucked spring design reduces the possibility of bypass, keeps the filter element seated against the base plate and prevents having unfiltered fluid going to the injectors.
- 3 Metal End Caps provide added support for the filter media and prevent leaks.
The Spiral Center Tube design improves oil flow and provides increased strength and crush resistance compared to lock seam or welded center tube designs.
- 4 Prescription Filtration®: filter media specifically designed for mobile and industrial applications.
Beta Ratio performance information is printed on the filter or available upon request.
Professional fluid analysis program available for preventive maintenance and problem solving.
The finest catalog, part-number interchange system and technical support available. The "Torque-Right" can markings take the guesswork out of filter tightening.
- 5 The base plates on all WIX HD hydraulic and transmission filters are made from heavy-gauge steel and feature rolled internal threads for easy installation.
- 6 A Double-Lock Seam secures the can and cover-plate assembly. WIX Heavy Duty spin-on hydraulic and transmission filters use an added sealing compound to ensure a leak-free seal. The base plate and cover plate are joined by spot welds.
- 7 Sealing gaskets made from materials specifically designed for use with hydraulic and transmission fluids.



hydraulic
filtered elements



clean hydraulic



If you think that all the Heavy Duty filters on the market are the same – think again!



Regularly scheduled maintenance that includes replacing the transmission filters and hydraulic filters on your Heavy Duty equipment or machinery will extend the life of your transmission and hydraulic systems and prevent premature failure.

Extreme temperatures, special fuels and lubes, tens of cubic metres of air being sucked into the engine to produce average speeds of 300kph... This is the world where Wix Filters, the only filters officially licensed in the NASCAR series has to work. Check out our offer for European and American passenger cars on www.wixeuropa.com

Did You Know?

Hydraulics

Contaminated hydraulic fluid is the root cause of more than 70 percent of all hydraulic system failures.

In-line hydraulic filters on new equipment should be replaced after the initial 10 hours of operation. Hydraulic fluid has a high level of contamination during its initial hours of operation due to impurities left in the system during the manufacturing process.

In addition to contamination built in at the point of manufacture, other sources of hydraulic fluid contamination include: environmental contamination, system wear contamination and contamination introduced during hydraulic system maintenance.

Even new hydraulic fluid has contamination levels higher than most acceptable levels for vehicles and equipment. New hydraulic fluid should still be filtered prior to installation.

When the hydraulic filter becomes dirty, pressure differential increases greatly, causing a bypass valve to allow fluid to pass around the hydraulic filter.

Transmission

The automatic transmission fluid filter may be the least changed filter on any vehicle. One of the reasons for this is very few owners' manuals list a replacement interval.

Clogged transmission filters can lead to obstructed fluid flow, resulting in shift problems, slippage, engagement hesitation and other malfunctions.

Good quality, clean transmission fluid transmits energy, cools and lubricates the moving parts of the transmission.

There are three basic types of media used in transmission filters, paper, mesh screen and felt.

The transmission filter is responsible for keeping dirt and debris (usually from the wearing of clutch-plate linings) from harming the transmission. A clogged transmission filter may cause the transmission to slip or only partially engage.

For the industrial and agricultural applications please visit www.wixfilters.com



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