

John Deere Filters

Long live your John Deere



JOHN DEERE



Improve your performance with exp

At John Deere, we know our products aren't just machines; they're big investments. That's why we offer top-of-the-line filters to help your equipment deliver superior performance season after season.

Just like our equipment, our filters are developed and tested by expert John Deere engineers who know heavy equipment inside and out. John Deere filters are designed to be the perfect complements to our industry-leading maintenance fluids. When combining John Deere filters and Plus-50 II™ engine oil, the maximum drain interval extends to 500 hours. This is a significant increase over other oil formulations which saves you time and money.

So take a good look at our filter options. You'll find that simply choosing John Deere filters can up your productivity, save you maintenance costs and extend the life of your machine.



Oil filters

John Deere oil filters are expertly engineered to catch small particles like dirt and other contaminants before they pollute your engine. Dirty oil causes unwanted wear, shorter engine life and less productivity. That's why John Deere filters are tested to make sure they capture more dust than lesser quality filters.

When you're considering oil filters, keep the following in mind:

- If the filter does not have adequate debris holding capacity, dirty oil will begin to bypass the filter prior to the filter change interval.
- The bypassing of the filter will allow debris into the engine causing unnecessary wear and tear.

Benefits of John Deere oil filters:

- Even pleats and media spacing ensure even filtration for better overall protection without gaps.
- Spiral and crimped center tube adds strength to prevent media from collapsing and letting unwanted particles into your system.
- Rubber gaskets encourage a tighter seal than plastic gaskets found in other brands.
- Protects up to 500 hours when used with John Deere fluids.

**JOHN DEERE
OIL FILTERS + PLUS-50 II
ENGINE OIL**

**500 HOURS FREE
OF DOWNTIME***

When you pair John Deere oil filters with premium Plus-50 II engine oil, there's no stopping you for 500 hours! Because John Deere engineers design our maintenance products to work hand in hand to defend your machine from harsh conditions and wear. Plus, both John Deere filters and Plus-50 II are ready to protect new Tier 4 engines.

Don't take your equipment to the field without this winning combo. Trust John Deere filters and oil to help your machines last.

*500-hour drain interval applies to John Deere diesel engines when the following criteria are met: 1. Engine is equipped with an extended drain interval oil pan, 2. Machine operates with Plus-50 II engine oil API CJ-4/SN, 3. Machine uses a John Deere engine oil filter, 4. Machine uses only Ultra Low Sulfur Diesel fuel.



ertly designed John Deere filters

Fuel filters

John Deere fuel filters primary purpose is to protect key components of your machine. The fuel filter system in your equipment is the last line of defense before the fuel is introduced to the injector. While there are a number of different contaminants that can inhibit the performance of a tractor or combine, water is by far the worst. John Deere fuel filters give your engine and fuel system the protection they need to ensure maximum fuel-delivery efficiency.

Iron oxide (or rust) causes the injector not to properly dispense fuel into the cylinders. This causes a loss of power, leading to poor fuel economy and increased emissions. So how does John Deere go about extracting the water from the system? It's in the filtration media. Our filters have coated media that keep water out, preventing rust and microbial growth that could damage your equipment.

Benefits of John Deere fuel filters:

- Tight pleats and even media spacing ensure that water and dust particles are extracted before they damage your machine.
- Coated media repels water and prevents it from entering your fuel system.
- Tight seal between media and filter casing ensures that unfiltered, dirty fuel won't reach your engine.



Hydraulic filters

Our hydraulic filters are designed specifically to protect John Deere hydraulic systems from component wear and hydraulic surge flow. They keep contaminants out and prevent sludge and acid from damaging your machine.

Benefits of John Deere hydraulic filters:

- Even pleats provide a higher capacity for contaminants and a longer service interval.
- Extra-hot glue melts strengthen media and ensure even spacing.
- The correct amount of media for the canister design prevents media movement which can cause damage or distortion.
- The canister strength retains the media and protects the filter media when installing and tightening filter.



Air filters

John Deere air filters are another high-quality line of defense against contaminants invading your engine. They reduce engine wear by removing dust, dirt, and other pollutants from intake air. They are highly efficient when it comes to trapping unwanted particles.

Benefits of John Deere air filters:

- Even pleats and more media ensure high efficiency and a longer service interval.
- The hardness of the gaskets doesn't allow dirty air to by-pass the element.
- Epoxy end caps prevent dirty air from by-passing the media.
- Paper quality, quantity and media configuration ensure the removal of contaminants and provide proper airflow throughout the filter life cycle.
- End cap strength protects the bond between the end cap and media and ensures the filter doesn't distort while removing and installing.

Air filter wear characteristics and maintenance tips:

- A dirty air filter not only causes loss of engine power, but also increases fuel consumption.
- Clogged air filters cause incomplete combustion and heavy carbon deposits on valves and pistons.
- Overcleaning air filters may cause unnecessary damage to the element.
- Undercleaning air filters robs the engine of the required amount of intake air.
- Never clean a secondary air filter. When it is dirty replace it with a new one.
- In severe operating conditions, the secondary air filter should be replaced more often.
- If dust is found on the clean side of the secondary air filter, the point of the leakage must be found and corrected before installing new filters.



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