

# Make fewer costly pit stops...

# with Donaldson.

Olsen & Sons Adv D1025a

## Rising operating costs

The overall efficiency of your fleet is now more critical than ever. Premature pump and injector wear, damaged engine valves, shafts and bearings – these are just some of the increasingly costly repairs that can be minimised by fitting Donaldson leading edge filtration technology.

## Fuel Filters

The pumps and injectors in today's engine fuel systems require cleaner fuel to achieve better combustion. That's why the latest advances in Donaldson fuel filter media can make the difference between engine power and engine problems.

## Fuel Filter/Water Separators

Our durable fuel filter/water separators trap contaminants carried in the fuel and strip away water that can damage your engine.

## Lube filters

New engine designs require finer filtration and Donaldson lube filters keep engine oil clean by capturing contaminants that can cause engine damage. Donaldson Endurance™ Filters deliver high efficiency performance and extended service life.

## Coolant filters

Your engine cooling system battles rust, scale and debris and you need Donaldson coolant filtration technology to help your cooling system keep engine temperatures at the right level for optimal fuel economy.



# Donaldson.

Filtration Solutions

[www.donaldson.co.za](http://www.donaldson.co.za)

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*Donaldson Filtration is an industry leader in Southern Africa and is looking for talented individuals to join the team. Visit [www.donaldson.co.za/careers](http://www.donaldson.co.za/careers) for more information.*

# Donaldson filters maximise equipment performance

Donaldson products maximise equipment performance and reduce maintenance costs for customers all over the world. In Africa, where harsh working environments punish trucks and machinery, Donaldson filtration technology supports the construction, mining, agriculture and transport sectors with the world's most advanced filtration products. Acting as an effective downtime preventative strategy, these leading-edge products filter engine and transmission oil, diesel fuel, hydraulic fluid and coolant, and extend equipment life.

For more information contact Mariëtte Venter @ 011 997 6000/fax 011 608 0021, e-mail [marketing@emea.donaldson.co.za](mailto:marketing@emea.donaldson.co.za) or visit our website at [www.donaldson.co.za](http://www.donaldson.co.za)

## COOLANT

**Coolant Filters**  
Coolant filters are designed to maintain the proper chemical balance and reduce contaminants in the engine cooling system.

## LUBE

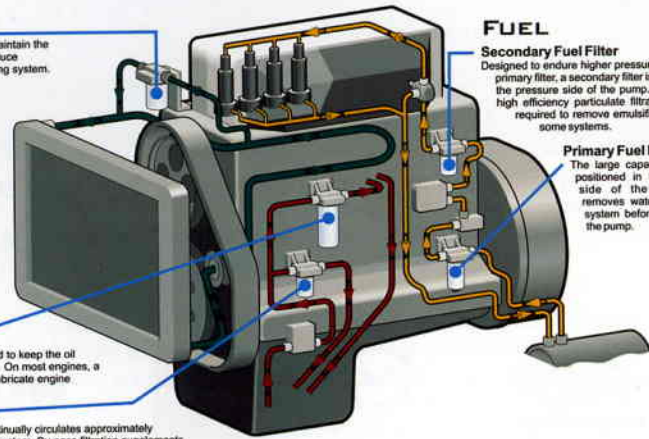
**Full-flow Filter**  
Full-flow lube filters are designed to keep the oil clean by removing contaminant. On most engines, a full-flow filter is all you need to lubricate engine components.

**By-pass Filter**  
When used, a by-pass filter continually circulates approximately 10% of the oil in the lubricating system. By-pass filtration supplements the full-flow filter with the capability to remove smaller contaminant.

## FUEL

**Secondary Fuel Filter**  
Designed to endure higher pressures than the primary filter, a secondary filter is applied on the pressure side of the pump. It provides high efficiency particulate filtration and is required to remove emulsified water in some systems.

**Primary Fuel Filter**  
The large capacity filter is positioned in the suction side of the pump. It removes water from the system before it gets to the pump.



The illustration above shows the location of different Donaldson filters. These range from coolant, lubrication, and secondary and primary fuel filters.