

HIPPO FILTER SYSTEMS



The Hippo range of filter housings and clean-up systems simultaneously remove both water and solid contaminants from a wide range of oils or fuels. They are simple to install and are a cost effective way of removing dirt and solid contaminants from your fluids. Hippo filters are typically added to any given system to provide additional off-line filtration capability. Their low cost elements are the perfect addition to a system that struggles to keep oil or fuel clean with standard filters.

WHY BUY A HIPPO FILTER?

Standard in-line filters mostly filter down to 20 micron efficiency. The most harmful contaminants in oil are sub 5 micron particles, these are also the most abrasive. The Hippo filter is capable of removing harmful solid contaminants down to 3 microns or less on hydraulic oil. The Hippo filter can also clean contaminant down to ISO 14/12/9 and remove water down to 50 ppm.

APPLICATIONS

- Hydraulic oil
- Diesel fuel
- Lubrication oil
- Gear oil
- Engine oil
- Coolants

EXTEND YOUR OIL LIFE BY UP TO 10 TIMES

By fitting a Hippo filter, you can ensure your oil (lubricating, hydraulic or gear oil) remains clean and dry. This will ensure that the oil remains in excellent condition for up to 10 times longer

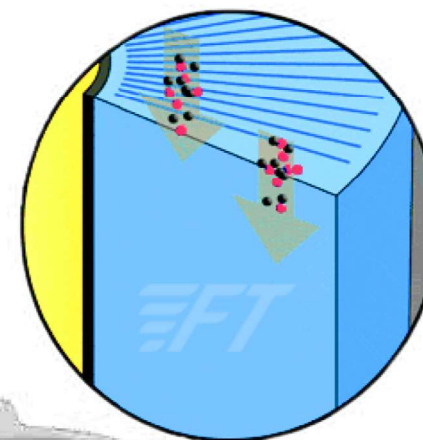


It is a well known fact that oil and fuel cleanliness is critical. It is not uncommon for large machines to dispose of oil on a monthly basis. By fitting a Hippo filter, you will extend the lifetime of your oil.

The Hippo Filters' high performance cartridges allow for the removal of ultra-fine particles and debris, thereby immediately reducing the risk of contamination-induced damage to parts and machinery.

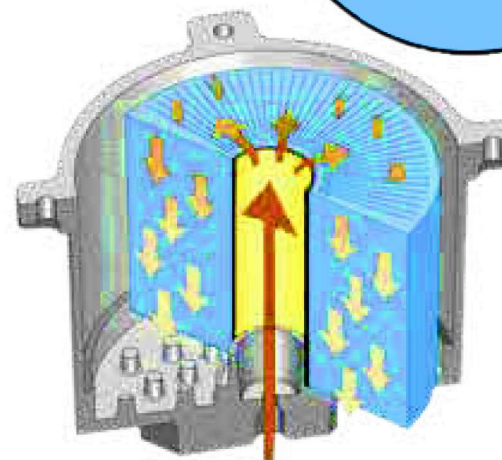
With today's machinery operating under increasingly fine tolerances, the removal of particulate and moisture down to acceptable levels is paramount.

As the Hippo system effectively removes water from oil or diesel fuel the risk of fluid degradation is significantly reduced along with inevitable associated down-stream problems.



FEATURES & BENEFITS

- Eliminates water from oil or diesel fuel using cellulose elements
- Does not remove additive packages
- Extends oil drain intervals
- Increases service intervals
- Provides continuous protection
- Environmentally friendly
- Reduces machine downtime
- Removes dirt and solid contaminants down to NAS 5 ISO 14/9 or better

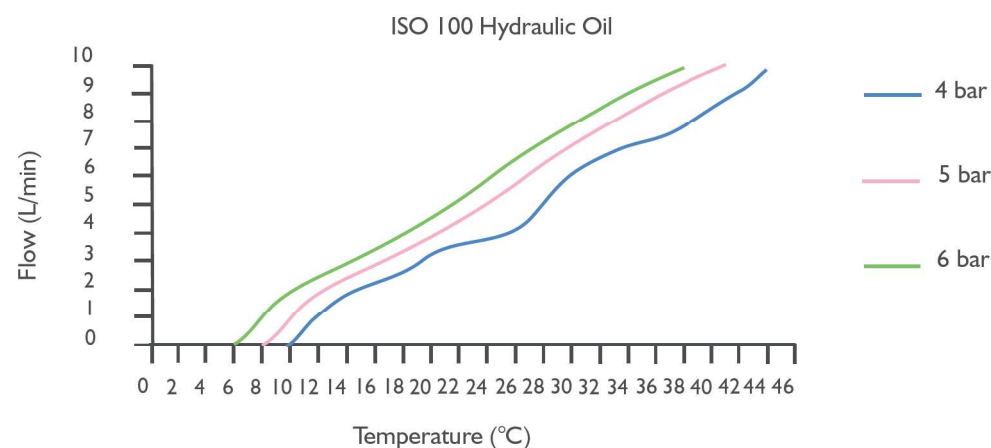


The diagram to the left highlights how the oil passes through the centre of the filter and back down through the media on the outside.

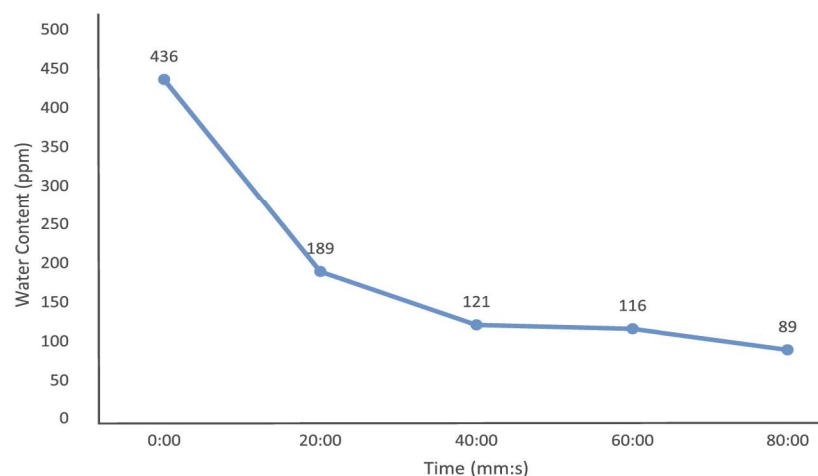
Our hippo filters are distributed worldwide and can fit onto a wide range of construction machinery, filtering oil as the machine is running.

PRODUCT TESTING

The chart below indicates the flow rate v temperature of the hippo filter under different pressure ratings.



Hippo Water Removal Chart



FTP-180

- Flow rates of up to 10 l/min (depending on cartridge)
- High volume dirt holding capacity
- Water is removed to below 0.05%
- Connections: 3/8" BSP (F) or 1/2 BSP (F)
- Various cartridge options available depending on the level of solids and/or moisture present
- Suitable for most oils including kerosene, turbine oils and bioethanol



FTP-180-2

- Flow rates of up to 10 l/min
- High volume dirt holding capacity
- Lightweight and easy to transport
- Water is removed to below 0.05%
- Various cartridge options available depending on the level of solids and/or moisture present
- Suitable for most oils including kerosene, turbine oils and bioethanol



BD5000

- Flow rates of up to 10 l/min
- Remove both solid contaminants and water at the same time
- Removes dirt and solid contaminants down to NAS 5 and ISO 14/9 or below
- Various cartridge options available depending on the level of solids and/or moisture present
- Down to 2.8µm
- 3 metre suction and return hoses
- Simple to install and operate
- Reduces machine downtime
- Suitable for most oils including kerosene, turbine oils and bioethanol



ORDERING INFORMATION

Feel free to call our expert team for further application details.