

2008-10-07

Kleenoil Sverige AB  
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SWEDEN



### Short Presentation:

-Let me introduce you to **Kleenoil Sweden AB**. We are the distributor for UK based, **Kleenoil Oil** filter system in Sweden, Finland, Denmark, Norway, Estonia, Latvia, Lithuania and Poland. We started in **1988**, and come very **highly recommended** by our customers.

**We supply OEM companies: Kalmar Industries (KONE), Rottne Industry, GREMO AB, ECO-LOG among others, with Kleenoil filter units, made to their specific demands.**

Upon that **we produce portable filter units**, for multi machine maintenance, hydro water power plants, offshore oil drilling/production rigs and windmill generators.

It does not matter if it is oil or non-flammable hydraulics, we can do it all.

**We are interested to meet with new customers and manufacturers**, to offer our products and services to you and your company. Your needs and requirements are our Nr.1 guideline. We are dedicated to smart solutions, high results at low costs, where we strive to deliver the most cost effective oil cleaning systems, in the world.

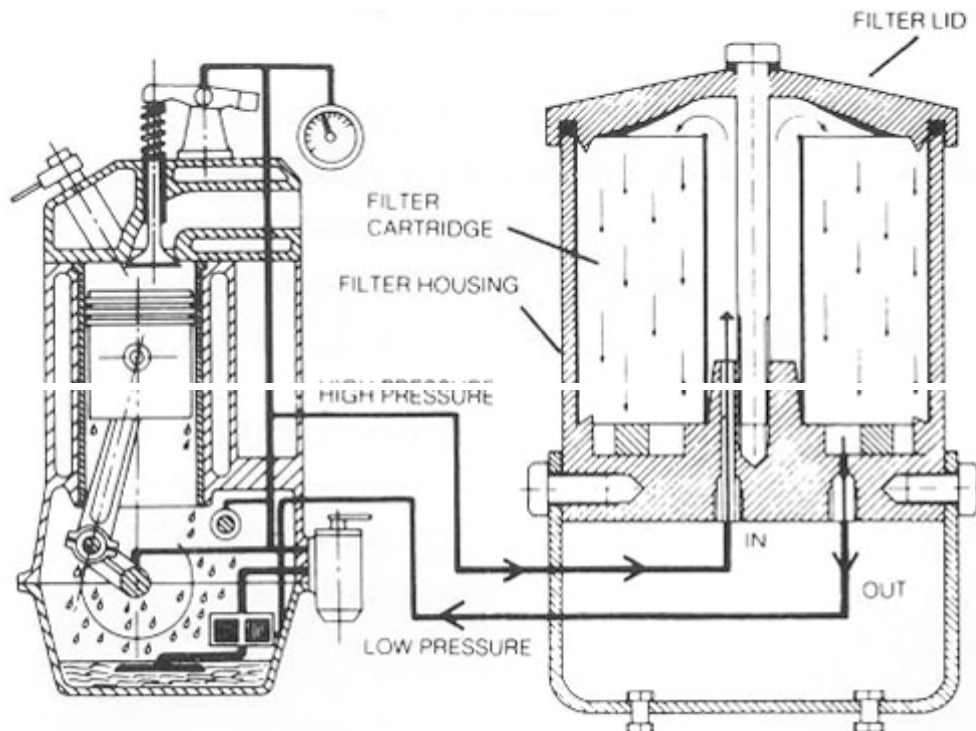


### How it works:

The Kleenoil Filtration System is a bypass oil filter that passes only a small portion of the total oil flow through a very dense filter cartridge at about 2 to 3 litres per minute. This can easily be changed with more pots in parallel. At this speed, it is possible to **remove particles down to 1 micron and totally remove water, greatly decreasing engine wear and prolonging oil life.** Kleenoil can eliminate water and particle contamination, **extend oil life up to 5 times and hydraulic oil up to 10 times** (some indefinite), reduces engine wear and component wear, dramatically reduce downtime, and is applicable to **engines as well as hydraulic systems.**

<http://www.youtube.com/watch?v=JYrXVY4XPOk>

<http://www.youtube.com/watch?v=8Tq6mjeE5OE>



## THE KLEENOIL FILTER CARTRIDGE

### What it does:

#### **Removes Dirt and Contaminants**

Dirt and wear metals will always be present in Hydraulic and Engine oil. The reasons that most fluid changes are done, is to get rid of the dirt and contaminants. Conventional fluid Filtration components will filter the fluid down to approximately 10-micron in size. **Accelerated wear and damage occurs somewhere around 3-6 micron.** Using the **Kleenoil Filtration System** you will filter the fluid down to 1-micron in size **reducing the chance of wear and ultimately reducing the number of engine failures and rebuilds** that would have needed to be performed during the life of the unit.

#### **Doesn't Remove Desirable Elements**

Certain components are purposely placed in lubrication oil to make it effective. Some of the additives include dispersants, detergents, oxidation and rust inhibitors, pour-point depressants, metal de-activators, and anti-foaming and gelling agents. While the **Kleenoil Filtration System is removing dirt, contaminants, wear metal particles and water**; it is **not removing the oil additives** needed for continued use.

#### **Extends Drain Intervals**

Because of the reasons mentioned above, oil can be run longer as it is kept clean, free of water and still maintain its additive package. Proper oil analysis will indicate the life of the oil but on average the drain is **extended up to 10 times** what it would be without the **Kleenoil Filtration System**.

### **Reduces Time Needed for Service**

**Changing the Kleenoil Filtration Cartridge** requires much less time than what is required to perform a conventional full fluid change. Simply remove the lid from the container, remove the old cartridge and install the new cartridge and seal. **All this can be performed in less than 10 minutes** and without the worry of spilling oil and disposing of contaminated fluids.

### **Continuous Protection Provided**

The **Kleenoil Filtration System** is installed to filter the fluid whenever there is oil pressure. Once the engine or the hydraulic pump is activated and there is fluid pressure, the **fluid is continuously passing through the densely wound filter cartridge**. The cartridge is wound with pure coniferous long fibre wood pulp paper. This design allows the water to be extracted from the fluid and still allows the larger oil molecules to pass through unchanged. **The dirt and wear particles are trapped in the filter giving you a continuous self-contained recycling system.**

### **Good for the Environment**

Because the **fluid is being recycled inside** of its own application, longer drain intervals can be realized. Oil is a finite resource that one day will run out. **Keeping the fluid running longer** reduces the amount of oil you will have to purchase throughout the now **extended life of the unit**.

Disposing of the used **contaminated oil also creates a risk to the environment**. Proper disposal methods are needed to safeguard the environment for our children. Reducing the amount of fluid that has to be disposed of is one way of reducing the impact on the already taxed environment.

Whenever a full fluid change is required to be done, there is always a risk of spills and ground contamination. **Reducing the number of full drains reduce this risk dramatically.**

### **Kleenoil International PMP, Proactive Maintenance Program**

This is a new way to work with oil sampling at every filter change. This program will start in February 2010 .

Feel free to contact us in English or Swedish:

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