

Wojanis Hydraulic Supply Company, Inc.

WOJANIS

THE FORCE BEHIND FLUID POWER

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FILTER MANAGEMENT SOFTWARE

The Wojanis Filter Management web based software helps to organize efforts in managing all of the factors involved with keeping clean oil in machinery, whether the machine is at your facility or 2000 miles away. The software tracks fluid cleanliness, changeout history, and stores filter part numbers and quantities needed to help with keeping accurate inventory.

Ordering

Filters are listed by equipment application to ensure accurate filter ordering. This allows the purchaser to easily monitor change-out intervals, develop a regular ordering routine, and maintain appropriate inventory.

- Reduce inventory errors
- Help teach new employees
- Maintain accurate stock

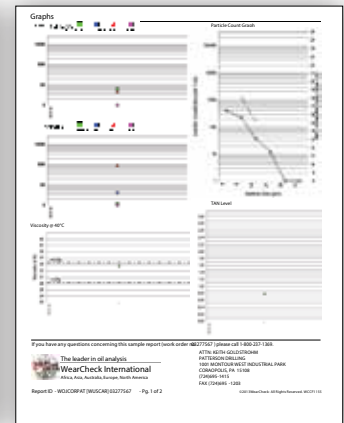
Item ID	Description	Last Changed	Qty Required	Hours Used	Estimated Life	Logged By	Notes	Changes	History
123456	Hydraulic Tank	03.12.14	1	0		JPS		1	
123457	Pressure Valve	09.05.15	2			JPS		1	
123458	Hydraulic Tank	01.15.15	2			JPS		1	
123459	Air Filter Cleaner	06.12.14	2			JPS		1	
123460	Air Filter Cleaner	03.10.15	2			JPS		1	
123461	Fuel Secondary	07.02.14	2			JPS		1	
123462	Fuel Filter Reg.	11.18.14	2			JPS		1	
123463	Engine Oil	12.13.15	2			JPS		1	

Analyzing

Create reports to help analyze the performance of each filter application, identify issues and places to improve performance.

- Evaluate filter performance
- Early identification of problems
- Evaluate fuel deliveries

Item	Value	Unit	Comment
Water	0.05	%	OK
Acid	0.02	mg/100ml	OK
Aluminum	0.01	mg/100ml	OK
Iron	0.01	mg/100ml	OK
Copper	0.01	mg/100ml	OK
Nickel	0.01	mg/100ml	OK
Vanadium	0.01	mg/100ml	OK
Chromium	0.01	mg/100ml	OK
Manganese	0.01	mg/100ml	OK
Sulfur	0.01	mg/100ml	OK
Phosphorus	0.01	mg/100ml	OK
Silica	0.01	mg/100ml	OK
Viscosity @ 40°C	150	mm²/s	OK
Viscosity @ 100°C	45	mm²/s	OK
Flash Point	230	°C	OK
Fire Point	250	°C	OK
Cloud Point	-10	°C	OK
Pour Point	-15	°C	OK



Managing

The data collected from this program will provide information to help optimize equipment performance and prevent long term damage.

- Optimize change out intervals
- Prevent long term damage and downtime
- Help with warranty claims

Sample Point	Equipment	Component	Filter Part	Last Change Date	Next Change Date	Condition
123456	Working Part	WOJUSP-324	2015-08-28	2016-08-28	Good	
123457	Working	WOJUSP-324	2016-02-18	2017-02-18	Good	
123458	Unit One 1	Unit 1	2015-08-24	2016-08-24	Good	
123459	Tag One Hydraulic	WOJUSP-324	2015-08-11	2016-08-11	Good	
123460	Tag One Gen	WOJUSP-324	2015-08-17	2016-08-17	Good	

Oil Analysis

Performing regular oil analyses will help identify issues developing on a work site. Early detection of potential problems can prevent expensive repairs as well as catastrophic failures and downtime. This can also help to extend the life of machines and maintain consistent operating costs.

Wojanis Supply's Oil Analysis Program helps to develop a sample schedule, manage results, and easily identify issues with the fluid on your worksite.

Oil Cleaning/Flushing (Kidney Looping)

Oil Cleaning is a cost effective alternative to replacing the oil in a system by reducing parts and lubricant expenses, maintenance labor costs, and used lubricant disposal costs. Contamination is cleaned out during the flush to reach a set fluid cleanliness target that will keep machines running at peak performance. Some signs to indicate that a flush is needed would be discolored/scorched oil, excessive bearing and rotor scoring, and catastrophic failures.

Bulk Fuel Filtration

The quality of fuel can have a significant impact on both the long term and short term performance of engines. Fuel cleanliness is becoming increasingly important as new and more sophisticated engines are being produced with higher emission standards than ever before. Wojanis Supply Company provides a series of bulk filtration solutions to clean and protect the fuel on your worksite to help maintain the high standards that your equipment requires.

Technical Support and Purchasing

Part selection is an important step in the maintenance process. However, deciding on the correct filter for an application can be a difficult task with the wide array of products available in today's market. The experts at Wojanis can help to identify and source the ideal filtration products for your system. Wojanis Supply offers a full line of products for hydraulic fluids, fuel and air filtration.

