

Specification	Heavy Duty	Maxi Duty
System Part No	FFHY778	FFMY788
Replacement Cartridge	HYC78	MYC88
Tank Capacity;	10-900 litres (2.2-198 Gals)	900-2000 litres
Flow Rate;	4.1 L/min.	6.1 L/min.
Material;	Aluminium	Aluminum
Applications;	Hydraulic	Hydraulic
Weight;	3.2kgs (7lbs)	4.2kgs (9.25lbs)
Inner Connector	1/4" BSP 60° cone	1/4" BSP 60° cone
Outer Connector	3/8" BSP 60° cone	3/8" BSP 60° cone
Inlet Pressure;	350 bar (5000psi)	350 bar (5000psi)
Reduced Inlet Pressure;	4.5 bar (65psi)	4.5 bar (65psi)
Max Oil Temp;	79°c (190 F)	79°c (190 F)
Viscosity Range;	9-220 cST	9-220 cST
Dimensions		
A	166	213
B	275	297
C	105	127

ENGINES

ENGINE OIL FILTRATION

Fitting a By-pass filter system to an engine offers:

- Particle removal to 1 Micron plus 100% water removal.
- Fitting a Filtakleen filter to an engine will extend the oil and filter life up to 160,000kms /96,000 possible between changes.

Removing all water content reduces the acid formation in the oil. This takes away the workload of the alkaline additives, and extends the life of the TBN, and the working life of the oil. It also reduces the workload of the main filter, extending its life.

The engine will run with cleaner oil, which means a cleaner engine, less component wear and reduced emissions.

When a Filtakleen system is fitted, the oil and main filter should be changed. Afterwards Filtakleen filters should be changed 3 monthly, with the main filter and oil being changed annually or when the indicated mileage is reached. The engine oil filtration system comes in 4 different sizes;

SIZE	SUMP SIZE	FLOW RATE l/min	PART NO	REPLACEMENT FILTER CARTRIDGE
Bantam duty	8 litres	1.5	FF368	C58
Light duty	14 litres	3	FF568	C68
Heavy Duty	36 litres	4.5	FF878	C78
Maxi Duty	72 litres	6	FF988	C88

FIVE PROVEN FACTS

- When oil in an internal combustion engine is kept clean it does not wear out, its viscosity does not change; its additive package is not depleted; acids are kept at minimal levels in the engine and clean oil does not have to be changed.
- When an engine is run on clean oil 100% of the time, engine wear is significantly reduced and you can routinely expect to more than double the historical or expected life of the engine.
- Clean oil circulating in an engine 100% of the time does not have to be routinely changed. The only time an oil change will be necessary is when the oil becomes contaminated with excessive fuel water or coolant.
- Through the use of the Filtakleen program savings can be realized of 75%-80% of both usage and waste disposal costs of oils, fluids, coolants, solvents, and factory full flow filters.
- Clean oil circulating in an engine 100% of the time not only meets but far exceeds engine manufacturers warranty requirements.


www.interlubesystems.com

For advice on which product is most suitable for your needs - visit our web site from where you can e-mail us your requirements. Our Help Desk will respond within 24hrs by return e-mail or phone.



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The Filtakleen Oil Purification System Offers Continuous Preventative Maintenance & Significant Cost Savings

- FINE PARTICLE REMOVAL DOWN TO 1 MICRON
- 100% WATER REMOVAL FROM OIL

MAJOR LONG TERM BENEFITS

- **Save Money** - Greatly increase the life of your oil+ filters
- **Save Time** - Change only the Filtakleen element
- **Reduce Waste** - Less used oil or filters needing disposal

Running your system with cleaner oil will:

- **Prevents System Wear** - Removes Sandpaper effect of fine particles and corrosion caused by presence of water
- **Enhance Performance** - prevents fine tolerance valves from sticking
- **Improved Reliability** - less component wear reduces risk of system failure

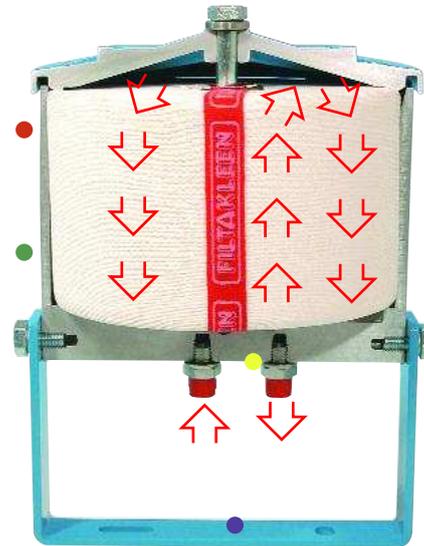
System Features

Hydraulic oil even when new will have a certain level of particle contamination, and is typically graded at ISO 17/13/14. When oil is added to a system further contamination can occur. Whilst under operating conditions air and moisture, as well as particles from seals and hoses, can add to the contamination and degradation of the oil. Fitting a Filtakleen filter will not only reverse this process but it will clean your oil so thoroughly it will be cleaner than when it was new!



ULTRA FINE DEBRIS REMOVAL - 1 MICRON

Once installed Filtakleen's filtering efficiency removes all damaging wear particles normally missed by the main filter, this removal of the ultra fine debris at source immediately reduces the risk of malfunctioning control valves as well as dramatically reducing the erosion of the hoses and seals caused by these fine particles. In addition Filtakleen takes away the risk of silting of the suction filters which can cause pump damage through cavitation. Standard machine filters will only offer filtration of particles of between



The high tech cartridge gives continuous all round protection against water and ultra-fine debris with contaminated oil entering the filtakleen unit at the base flowing up the centre tube through the 1 micron filter before flowing back to the hydraulic circuit. Flow rates through filter 4.1 l/min to 6.1 l/min depending on unit fitted.

Design Features

- Special casing for easy element replacement
- Powder coated 1-piece aluminium body for total durability
- Machined sealing edges for 100% filtering efficiency
- Universal mounting bracket

100% WATER REMOVAL - STOP ACIDITY

By its ability to remove all water content Filtakleen reduces dramatically the normal acid build-up in the oil so avoiding the corrosion and chemical degradation of all the seals and hoses as well as preventing unnecessary pump wear and cavitation through invert emulsions.

10 –25 microns. Much of today's machinery work with tolerances of as fine as 4—5 microns. Therefore removal of particles of this size is critical to system performance. The unique design of the Filtakleen filter means that removal of particles down to 1 Micron is achieved. Additives are not removed as these are sub micron size. By fitting Filtakleen, you are creating Major Long term benefits in both component life and circuit operation.