

**INTERLUBE**

# FILTAKLEEN

*Never change your oil again*



HEAVY DUTY



MAXI DUTY

*Filtakleen - maximizing industrial performance world wide...*



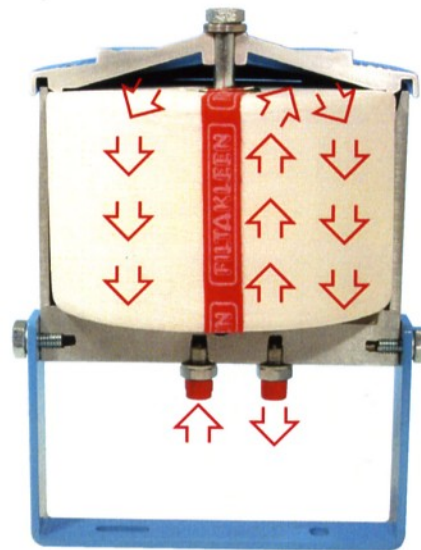
## A FILTAKLEEN HYDRAULIC OIL PURIFICATION SYSTEM

... Giving Ultra Fine Particle Removal down to 1 micron, **plus** 100% water Removal from the Oil in their Hydraulic Circuitry

### LONG TERM BENEFITS

- Saving wear on component parts giving reduced maintenance costs.
- Preventing fine tolerance valves from sticking, giving maximum production time.
- Easy cartridge change without the need to stop machinery or production.
- Saving on oil costs and oil disposal costs.
- Improves system filter life.
- Removes "sandpaper" effect of action of dirty oil on the core of hydraulic hoses.

# FILTAKLEEN



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.



### 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. In fact, the finer tolerances of today's machinery makes the removal of 1-25 micron wear particles a necessity and so by addressing this need with Filtakleen, you are creating Major Long term benefits in both component life and circuit operation.

### 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.




### SPECIAL NOTE

Filtakleen is a supplement to the main filters and by continually taking only a small amount of oil from the system we are able to perform a thorough cleaning operation on the oil.

# AT THE HEART OF THE MATTER



## 3 STAGE FILTRATION +

-  Removal of large contaminants (15 + microns)
-  Removal of fine contaminants (3 - 15 microns)
-  Removal of ultra fine contaminants (1-3 microns)

## TOTAL WATER ABSORPTION

# MX200 MOBILE CLEANING STATION

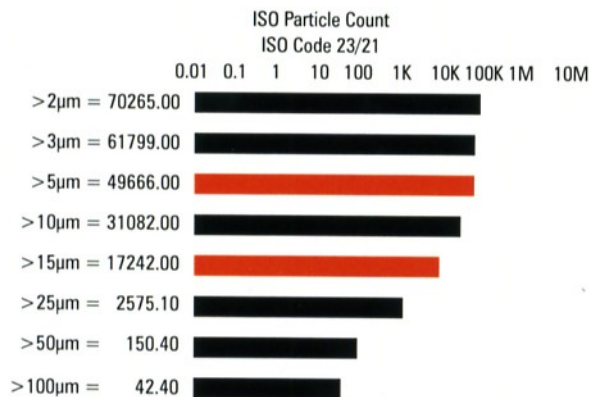


Mobile low pressure filter system used to remove particles and water contamination from hydraulic systems with the ability to move from one machine to another. Can also transfer, without filtration, of large & small quantities of used oil from hydraulic system reservoirs to storage for disposal.

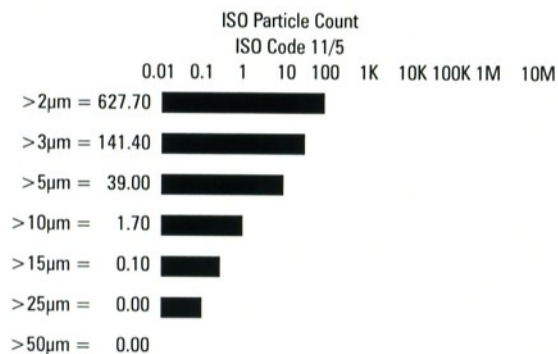
## TECHNICAL DATA

Transfer rate (with filtration)	7.6 Litre/min
Transfer rate (without filtration)	20.0 litre/min
Dirt holding capacity	200gms
Water holding capacity	800cc
Noise level	60dba. at 60cm
Temperature range	2°C to 70°C
Motor	110v 1Ph. 50Hz

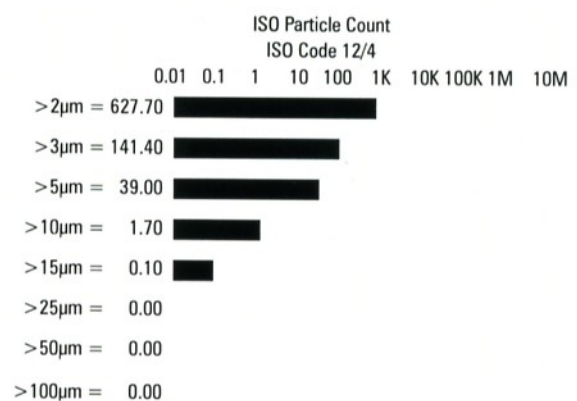
## TEST RESULTS OF FILTAKLEEN 1- MICRON OIL FILTER ORIGINAL OIL CONTAMINATION - ISO 23/21 (CRITICAL). AFTER HOURS FILTRATION - ISO 8/0 CLEANER THAN NEW OIL.



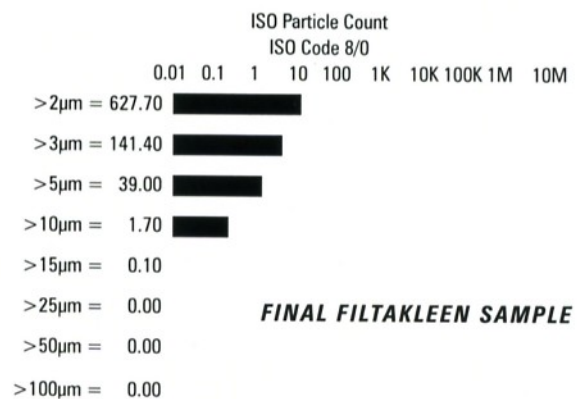
### CRITICAL CONDITION OIL



### RESULTS AFTER 2 HOURS



### RESULTS AFTER SINGLE PASS



### FINAL FILTAKLEEN SAMPLE

### RESULTS AFTER 4 HOURS



# PLANNED MAINTENANCE

By incorporating a ball valve into the inlet side of the Filtakleen circuit you are able to replace the FK element, a 5 minute job, without the need to shut down the hydraulic pump.



Simply turn the ball valve to off, unscrew the lid bolt and remove the element.

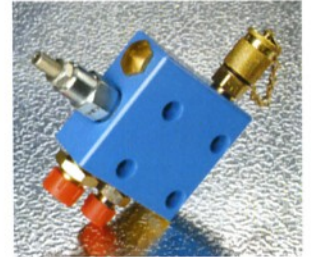
*As good as an oil change*



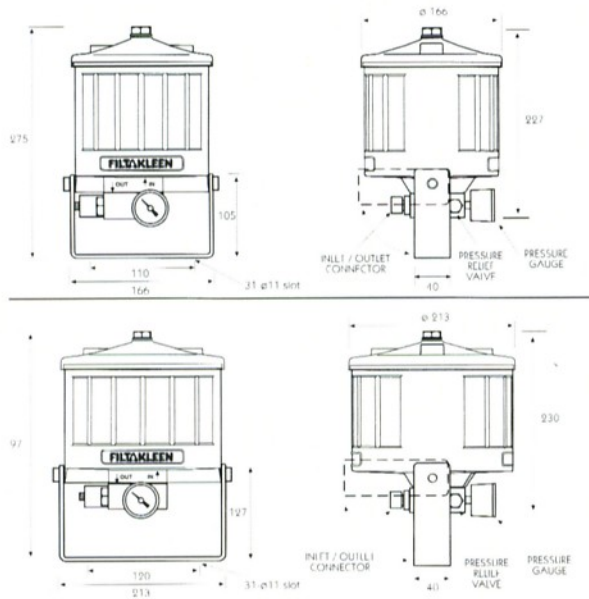
# UNIQUE MANIFOLD DESIGN

Incorporating both pressure reducing relief valves the manifold ensures optimum working pressure with maximum system protection.

Filtakleen recommend the cartridge should be changed annually or every 500 working hours.



HYDRAULICS			
Part No.	Description.	Flow Rate Litre/min	Replacement Cartridges
FFHY778	Heavy duty filter upto 900 litre reservoir	4.1	HYC78-1717178
FFMY778	Maxi duty filter upto 2000 litre reservoir	6.1	MYC 88
MX200	Mobile Cleaning Station	7.6	HYC88-1717188



Specification		
Product Code	FFHY778	FFMY778
Material;	Aluminium	Aluminum
Applications;	Hydraulic	Hydraulic
Overall Dimensions;	Ø166 H. 275	Ø211 H.275
Weight;	3.2kgs (7lbs)	4.2kgs (9.25lbs)
Inlet Connector;	1/4" BSP 60° cone	1/4" BSP 60° cone
Outlet 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)
Flow Rate;	4.1 L/min. (0.9 gals.)	6.1 L/min. (1.34 gals)
Element Type;	HYC78 - 1717178	MYC - 88
Tank Capacity;	10-900 litres (2.2-198 Gals)	900-2000 litres (198-440 Gals)
Filtering Efficiency;	NAS 6-7	NAS 6-7
Pressure Gauge;	Glycerine 0- 11 bar	Glycerine 0-11 bar
Max Oil Temp;	79°c (190 F)	79°c (190 F)
Viscosity Range;	9-220 cST	9-220 cST

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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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