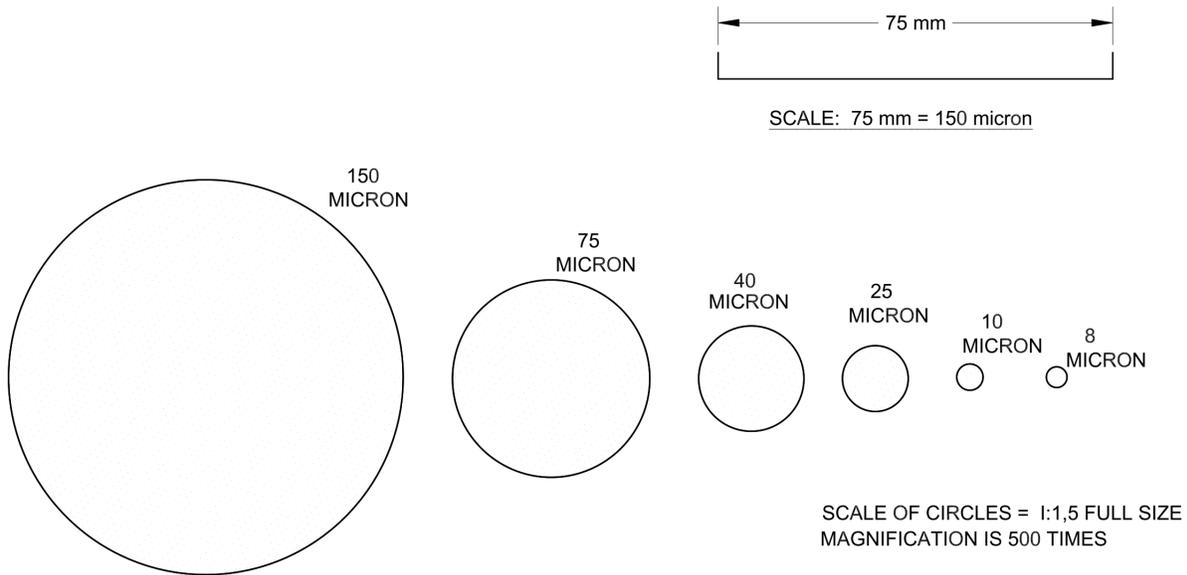


Oil Filtration

Relative Micron Sizes



Sizes of Familiar Objects		
Grain of Salt	100	Micron
Human Hair	75	Micron
Lower Limit of Visibility	40	Micron
White Blood Cell	25	Micron
Talcum Powder	10	Micron
Red Blood Cell	8	Micron

Fluid and Filter Maintenance

1. All fluid entering a reservoir must be filtered to at least a BETA 10 = 100. Remember, new oil is not clean enough for hydraulic systems.
2. Make certain that the fluid used is the correct type recommended by the manufacturer for the system.
3. Do not mix brand names of fluid brand names, unless first checking with the fluid manufacturer.
4. Do not return any fluid back into the tank which has leaked out.
5. Always store oil drums upside down, to prevent moisture entering through the bungs, as a result of ambient temperature changes.
6. The reservoir breather must be secured in such a way, that it cannot be used for filling or topping up the fluid level by unauthorised personnel.
7. The reservoir must be fitted with a quick coupling for filling. Use the "Flat-Face" quick coupling.
8. Only filters with indicators must be used in hydraulic systems.
9. Always inspect the old filter element for contaminants, this will always indicate the possibility of system problems.

THERE IS NO COMPROMISE FOR CLEANLINESS WHEN WORKING WITH HYDRAULIC SYSTEMS.

CLEANLINESS IS THE SINGLE MOST IMPORTANT ASPECT OF ANY HYDRAULIC SYSTEM.
*NOTE:- THE BETA RATIO NUMBER, i.e. 100, IS DERIVED BY DIVIDING THE NUMBER OF PARTICLES ENTERING THE FILTER, BY THE NUMBER OF PARTICLES LEAVING THE FILTER.”

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