



SERVICE

Properly Maintain Your Centrifuge Hydraulic Pump

DAILY DUTIES The first thing that you will want to put on your daily to do list is checking the unit for leaks. This can sometimes be the easiest thing you can do to prevent unnecessary down time. Check areas to make sure hoses are not rubbing against anything that could possibly cause damage. The next thing you will want to do is check to make sure that the oil filter blockage indicator button is not popped out. It is a red button located on the housing for the external high pressure hydraulic filter. If the button is popped out, inspect the filter for any blockages or damage to the filter. If the button still pops out, contact your service rep.

MONTHLY DUTIES Another important inspection that could save you a costly headache down the road is pulling a monthly hydraulic oil sample. This can be taken from the port at the bottom of the reservoir. You can learn quite a bit from a small sample such as if there is water or condensation in the oil, if your oil has been getting too hot, or debris from a possible mechanical failure.



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4,0000/HRS OR BI-ANNUAL DUTIES Now its time to dive in a little deeper. Once you get to this point you will want to start by replacing that high pressure hydraulic filter. These filters are a one time use item. DO NOT try to clean and reuse them. When you remove the vase from the housing, strain the fluid from it through a coffee filter or something similar to check for debris. It could show signs of mechanical wearing or the possibility of a mechanical failure. This will also be the point where you will want to replace the unit with some fresh hydraulic fluid.

EVERY 2 YEAR DUTIES Inside the reservoir, there is a strainer on the suction line to prevent debris from entering the pump. It acts as a pre-filter to the high pressure filter. However, unlike the high pressure filter, the strainer may be wiped off, cleaned, and reinstalled. Be sure to check that the strainer is not damaged. Please replace it with a new one if found to be damaged.

A hydraulic pump is essentially the beating heart to your whole centrifuge. In order to keep it performing optimally and to make it last, it needs to be taken care of. This keeps your operation running smoothly while avoiding unnecessary and often costly repairs. If your or your team foresee any issues or need to order replacement parts for the Centrifuge Hydraulic Pump system, please contact your BCR Field Service Manager.

