

# Sorval ST-16 Centrifuge Maintenance Job Aid

Step	Action
<b>**Document <i>all</i> maintenance performed on Centrifuge Maintenance Log**</b>	
<b>Daily Maintenance</b>	
1	Visually inspect the rotor, buckets, lids, caps and tube adapters/inserts
2	Perform Hydraulic Lid Check (if applicable; some models will not have hydraulic lid). Ensure that when lifted the lid stays open and does not fall or slam closed
<b>Weekly Maintenance</b>	
1	Wipe inside and outside surfaces of centrifuge, including rotor, with Oxivir wipes
2	Remove buckets, lids and tube adapters/inserts from centrifuge; remove the O-rings from the buckets
3	Wearing gloves, wash the buckets, lids, O-rings and tube adapters/inserts with mild detergent (Liquinox phosphate free detergent) solution; a soft nylon brush may be used to clean the tube adapters/inserts
4	Rinse buckets, lids, O-rings and tube adapters/inserts thoroughly with water; ensure all parts are thoroughly dry before re-assembling
5	Lubricate O-rings with vacuum grease and place on bucket
6	Saturate a lint free tissue with manufacturer recommended oil and lubricate the contact areas between the buckets and pins as well as lubricating the pins and sockets
7	Replace the buckets
<b>Semi-Annual Maintenance</b>	
1	RPM check
2	Timer check

<b>Materials Required &amp; Ordering Information</b>	
Liquinox Phosphate Free Detergent	VWR Catalogue #21837-027
Traceable Tachometer with Red LED Pointer	Fisher Scientific Catalogue #06-662-5
Traceable Digital Three Channel Alarm Timer with Triple-Line LCD	Fisher Scientific Catalogue #02-401-3