

<b>DESCRIPTION:</b>	12 Monthly Zone 1 Lubrication Maintenance	<b>FREQUENCY :</b>	12 Monthly
<b>LOCATION :</b>	ST32 Gibson Island STP	<b>JOB PLAN ID :</b>	LTS067

<b>Grease and Oils Required</b>	<b>Maintenance Group</b>
Castrol AP3 Grease	Main Pump Station
Castrol EPL2 Grease	Dry Well Sump Pumps
Castrol Alpha SP680	Wet Well and Screens
Castrol Mollub Alloy 936SF Open Gear Grease	Grit Dredger
Castrol White Oil BP15	Step Screens and Conveyors
	Screening Bins
	Inlet Valves
<b>Reference</b>	
<b>Main Pump Station (3 pump &amp; motor)</b>	
Lubricate pump motor bearings with AP3 Grease.	
Recommendation from manual: Drive end 60 grams. Non-Drive end 80 grams.	
<b>Note:</b> Motor must be running and bearings warm (at normal operating temperature)	
<b>Dry Well Sump Pumps (3 off)</b>	
Lift sump pumps and drain oil. Replace with White Oil BP15.	
Replace "o" rings on drain and fill plugs and refit plugs.	
<b>Grit Dredger</b>	
Lubricate all bogey wheel bearings with EPL2 Grease.	
While bridge is travelling forward, grease the wheel bearings of one side of the bridge. 1 shot per nipple.	
Do not allow the bridge to travel further than approximately 2 metres.	
While bridge is travelling back to its original position, grease the wheel bearings of the other side of the bridge	
Lubricate the clam gates with AP3 Grease, 2 shots per nipple. Note:- clam gate must be moving while greasing.	
Lubricate pump and motor bearings with 4 shots of AP3 grease	
Drain primary and secondary gearbox oils and refill with Alpha SP680.	
<b>Grit Pump Stuffing Box greasing has been moved to LTS060 to be done monthly.</b>	
<b>Valves near Screens Bins</b>	
Lubricate valve spindles with Mollub Alloy 936SF Open Gear Grease	
Lubricate Dezurik valve with EPL2 Grease. (grease nipple located below gearbox)	
<b>Step Screens Transverse Conveyors (3 off) (Meva Shaft Less Screw Conveyors Model U320)</b>	
Lubricate screw conveyor packing grease with AP3 Grease	
Drain gearbox oils and refill with SP680.	
<b>Step Screens Incline Conveyors (3 off) (Meva Shaft Less Screw Conveyor Model U320P)</b>	
Lubricate screw conveyor packing box with AP3 Grease	
Drain gearbox oils and refill with Alpha SP680.	
<b>Step Screens No. 1,2&amp;3</b>	
Drain gearbox oils and refill with Alpha SP680.	
Lubricate Step Screen drive with 4 shots of EPL2 grease.	
Lubricate rod ends with 4 shots of EPL2 grease.	