

DESCRIPTION:	6 Monthly Zone 1 Lubrication Maintenance	FREQUENCY :	6 Monthly
LOCATION :	ST32 Gibson Island WRP	STD JOB ID :	LTS063

Grease and Oils Required	Maintenance Group
Castrol AP3 Grease	Main Pump Station
Castrol EPL2 Grease	Dry Well
Castrol Alpha SP680	Wet Well and Screens
Castrol Mollub Alloy 936SF Open Gear Grease	Grit Dredger
	Step Screens and Conveyors
	Screening Bins
	Inlet Valves
Reference	
Main Pump Station	
Lubricate pump motor bearings with AP3 Grease with 3 - 5 shots from a hand-operated grease gun.	
Recommendation: Drive end 60 grams. Non-Drive end 80 grams.	
Note: Motor must be running and bearings warm (at normal operating temperature)	
Grit Dredger	
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.	
Grit Pump Stuffing Box greasing has been moved to LTS060 to be done monthly.	
Valves near Screens Bins	
Lubricate valve spindles with Mollub Alloy 936SF Open Gear Grease	
Lubricate Dezurik valve with EPL2 Grease. (grease nipple located below gearbox)	
Step Screens Transverse Conveyors (3 off) (Meva Shaft Less Screw Conveyors Model U320)	
Lubricate screw conveyor packing grease with AP3 Grease	
Check gearbox oil levels. Top up with SP680 if necessary.	
Step Screens Incline Conveyors (3 off) (Meva Shaft Less Screw Conveyor Model U320P)	
Lubricate screw conveyor packing box with AP3 Grease	
Check gearbox oil levels. Top up with SP680 if necessary.	
Step Screens No. 1,2&3	
Check gearbox oil levels. Top up with SP680 if necessary.	
Lubricate Step Screen drive with 4 shots of EPL2 grease.	
Lubricate rod ends with 4 shots of EPL2 grease.	