

DESCRIPTION:	12 Monthly Zone 1 Lubrication and Service	FREQUENCY:	12 Months
LOCATION:	Carole Park Sewerage Treatment Plant	STANDARD JOB No.:	LTS317

<u> </u>	ools & Equipment
_	
	pare Parts/Materials List
Ė	hell Gadus S2 V100
	hell Gadus S2 general purpose high pressure
	astrol WM Synthetic Oil – If other Brand used, type & viscosity be equivalent to ISO 320 Full Synthetic
	Castrol Alpha SP220
	il Filter – Stauff SFC-3510E 10 Micron Filter Paper
V	Vhite Oil
R	deference
F	ollow correct shut down procedures before working on any equipment.
	laintenance Group
-	eration Tank 1 Aerator
	eration Tank 2 Aerator
	econdary Sedimentation Tank 1
	econdary Sedimentation Tank 2
	econdary Sedimentation Tank 3
	VAS Pump Station 2
S	cum Pump Station 2
Ρ	rocedural Steps
В	sefore isolating any equipment, where possible observe in running condition. Check for correct operati
Н	eration Tank 1 Aerator
	check Aerator motor and gearbox for noise, leaks, vibration.
	theck Aerator Gearbox base and housing for corrosion, defects and tightness of bolts.
R	Peplace oil in Aerator Gearbox. Castrol WM Synthetic Oil. 16 litres
Α	pply grease to all Aerator motor greasing points. Shell Gadus S2 general purpose high pressure
R	temove Bell Housing inspection cover and check condition of couplings and rubber element.
R	Leplace oil filter with Stauff SFC-3510E 10 Micron Filter Paper. Available from Cooper Fluid Systems.

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Check drive & trail wheel bearings for play on shaft.	Replace oil in b	ridge drive primary /secondary gearbox. Alpha S	SP220
	Jack up bridge,	remove covers and check drive & trail wheels for	or play on shaft and delamination.
Remove drive gear unit coupling guard and check condition of couplings and rubbers.	Check drive & tr	rail wheel bearings for play on shaft.	
	Remove drive g	ear unit coupling guard and check condition of c	ouplings and rubbers.

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DESCRIPTION:	12 Monthly Zone 1 Lubrication and Service	FREQUENCY:	12 Months
LOCATION:	Carole Park Sewerage Treatment Plant	STANDARD JOB No.:	LTS317

Secondary Sedimentation Tank 3 Drive gearbox unit for leaks / noise / vibration Drive Wheel and idle wheel for bearing noise. Centre Column Bearing for noise / vibration Gresse lines and grease nipples for defects. Grease centre column bearing, Shell Gadus S2 general purpose high pressure Grease each Updraught Tube Spindle top and bottom. Shell Gadus S2 general purpose high pressure solate bridge and perform lube maintenance: Replace oil in bridge drive primary /secondary gearbox. Alpha SP220 Jack up bridge, remove covers and check drive & trail wheels for play on shaft and delamination. Check drive & trail wheel bearings for play on shaft. Check condition of couplings and rubbers. WAS Pump Station 2 Pump No.1 Check pump for noise, vibration and/or leaks. Carry out internal inspection of non-return valve. Separate pump and check wear ring gap. Access condition of impeller. Carry out oil change with White Oil. Pump No.2 Check pump for noise, vibration and/or leaks. Carry out internal inspection of non-return valve. Separate pump and check wear ring gap. Access condition of impeller. Carry out internal inspection of non-return valve. Separate pump and check wear ring gap. Access condition of impeller. Carry out oil change with White Oil.	OCATION:	Carole Park Sewerage Treatment Plant	STANDARD JOB No.:	L1831/
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DESCRIPTION:	12 Monthly Zone 1 Lubrication and Service	FREQUENCY:	12 Months
LOCATION:	Carole Park Sewerage Treatment Plant	STANDARD JOB No.:	LTS317

Check pump for	noise, vibration and/or leaks.
Carry out interna	I inspection of non-return valve.
Remove couplin	g cover and check alignment and for worn parts.
Check pressure	setting (20 PSI) on pump. Confer with Plant Operator if setting is different.
Carry out pump	ouffer chamber oil change. Castrol Alpha SP 220
Carry out pump	gearbox oil change. Castrol Alpha SP 220
Carry out reduct	on gearbox oil change. Alpha SP220
Set pressure to	20 PSI. Confer with Plant Operator in case setting has changed.
Scum Pump No	2
	noise, vibration and/or leaks.
	I inspection of non-return valve.
Remove couplin	g cover and check alignment and for worn parts.
Check pressure	setting (20 PSI) on pump. Confer with Plant Operator if setting is different.
Carry out pump	ouffer chamber oil change. Castrol Alpha SP 220
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