

DESCRIPTION:	Major Zone 1 Lubrication and Service	FREQUENCY:	12 Months
LOCATION:	Beaudesert Sewerage Treatment Plant	STANDARD JOB No.:	LTS704

1	ools & Equipment
	pare Parts/Materials List
С	astrol Spheerol EPL2 grease
С	astrol Alpha SP220
	astrol Hyspin AWH100
D	rive & Chain Spray by Recol
С	astrol Molub Alloy 6040/460-1.5
R	eference
	ollow correct shut down procedures before working on any equipment.
	B Series Muncher Installation, Operation and Maintenance Instructions Manual – for model CB201
	, <b>,</b>
V	laintenance Group
P	rimary Settling Tank 1
Ρ	rimary Settling Tank 2
Τ	rickle Filter 1
Τ	rickle Filter 2
Н	umus Pump Station
S	econdary Settling Tank 1
S	econdary Settling Tank 2
P	rocedural Steps
_	Before isolating any equipment, where possible observe in running condition. Check for correct operate
	he tasks below incorporate the 1 Month Greasing schedule so work should commence on or as close ossible to Start Date to maintain correct frequency.
P	rimary Tank 1 Sludge Draw Off Pump
**	Request if Operator can do a draw off so to operate pump to carry out task below. Do this in conjunction with luncher check**
**	Check pump for leaks, noise and vibration.
С	heck pump unit to base fasteners

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DESCRIPTION:	Major Zone 1 Lubrication and Service	FREQUENCY:	12 Months
LOCATION:	Beaudesert Sewerage Treatment Plant	STANDARD JOB No.:	LTS704

Primary Tank 1 Sludge Pump Muncher "Request if Operator can do a draw off so to operate pump to carry out task below. Do this in conjunction with Pump check"  "Check Muncher for leaks, noise and vibration.  Replace gearbox oil with SP220.  Remove end plate and inspect cutters for wear & tear.  Primary Tank 2 Sludge Draw Off Pump  "Request if Operator can do a draw off so to operate pump to carry out task below. Do this in conjunction with Muncher check"* "Check pump for leaks, noise and vibration.  Check pump unit to base fasteners  Primary Tank 2 Sludge Pump Muncher "Request if Operator can do a draw off so to operate pump to carry out task below. Do this in conjunction with Pump check" "Check Muncher for leaks, noise and vibration.  Replace gearbox oil with SP220.  Remove end plate and inspect cutters for wear & tear.  Primary Tanks 1 & 2 Scum Pump "Request if Operator can add effluent to tank so to operate pump to carry out task below. Do this in conjunction with Muncher check and only if pump has not ran on auto" "Check pump for leaks, noise and vibration.  Check pump unit to base fasteners  Primary Tanks 2 Scum Pump Muncher "Request if Operator can add effluent to tank so to operate pump to carry out task below. Do this in conjunction with Muncher check and only if pump has not ran on auto" "Check pump for leaks, noise and vibration.  Check pump the leaks, noise and only if pump has not ran on auto" "Check pump the leaks, noise and vibration.  Replace gearbox oil with SP220.  Remove end plate and inspect cutters for wear & tear.  Replace gearbox oil with SP220.		
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Remove end plate and inspect cutters for wear & tear.		oil with SP220
		on with of 220.
	Replace gearbox	
	Replace gearbox	
	Replace gearbox	

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LOCATION.	Beaudesert Sewerage Treatment Flant	STANDARD 30D No.:	L15704
Primary Settlin	ng Tank 1		
	s running check:		
	or leaks / noise / vibration		
Drive Wheel an	d idle wheel for bearing noise / de-lamination		
Centre Column	Bearing for noise / vibration		
Scum Scraper f	for damage		
Check all greas	se lines and grease nipples for defects.		
	ort chains and/or wire ropes for defects and visible ar	nchor points for wear.	
Apply 1 shot Mo	olub Alloy 6040/460-1.5 grease to centre column.		
Apply 2 shots M	Molub Alloy 6040/460-1.5 grease to bridge pivot point	s (2).	
Apply 1 shot of	Molub Alloy 6040/460-1.5 Grease to each drive and	trail wheel bearing.	
Isolate bridge	and perform lube maintenance:		
Replace gearbo	ox oil with SP220.		
Jack up bridge	and check drive and trail wheel bearings are secure	on shaft.	
Clean away any	y excess grease that has leaked from drive and trail v	wheel bearing seals.	
Check drive and	d trail wheel is secure on shaft	-	
Remove Driver Chain Spray.	Sprocket guard and check top sprocket for wear and	l is secure on shaft. Lubricat	te with Recol Drive 8
Check bottom s	sprocket (driven) for wear and secure on shaft. Lubric	cate with Recol Drive & Chai	in Spray.
Check chain for	r wear and stretching. Lubricate with Recol Drive & C	hain Spray.	
Primary Settlin	ng Tank 2		
While bridge is	s running check:		
Drive gearbox f	or leaks / noise / vibration		
Drive Wheel an	d idle wheel for bearing noise / de-lamination		
Centre Column	Bearing for noise / vibration		
Scum Scraper f	or damage		
Check all greas	e lines and grease nipples for defects.		
Check all suppo	ort chains and/or wire ropes for defects and visible ar	nchor points for wear.	
Apply 1 shot Mo	olub Alloy 6040/460-1.5 grease to centre column.		
Apply 2 shots M	Molub Alloy 6040/460-1.5 grease to bridge pivot point	s (2).	
Apply 1 shot of	Molub Alloy 6040/460-1.5 Grease to each drive and	trail wheel bearing.	
Isolate bridge	and perform lube maintenance:		
Replace gearbo	ox oil with SP220.		
Jack up bridge	and check drive and trail wheel bearings are secure	on shaft.	
Clean away any	y excess grease that has leaked from drive and trail v	wheel bearing seals.	
	d trail wheel is secure on shaft Sprocket guard and check top sprocket for wear and	l is secure on shaft. Lubricat	te with Recol Drive 8
Check bottom s	sprocket (driven) for wear and secure on shaft. Lubric	cate with Recol Drive & Chai	in Spray.
Check chain for	r wear and stretching. Lubricate with Recol Drive & C	chain Spray.	
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LOCATION.	Beaudesert Sewerage Treatment Frant	STANDARD 30D No.:	L15704
Secondary Set	ttling Tank 1		
While bridge is	s running check:		
Drive gearbox f	or leaks / noise / vibration		
Drive Wheel an	d idle wheel for bearing noise / de-lamination		
Centre Column	Bearing for noise / vibration		
Scum Scraper f	for damage		
Check all greas	se lines and grease nipples for defects.		
Check all suppo	ort chains and/or wire ropes for defects and visible a	nchor points for wear.	
Apply 1 shot Mo	olub Alloy 6040/460-1.5 grease to centre column.		
Apply 2 shots M	Nolub Alloy 6040/460-1.5 grease to bridge pivot point	ts (2).	
Apply 1 shot of	Molub Alloy 6040/460-1.5 Grease to each drive and	trail wheel bearing.	
Isolate bridge	and perform lube maintenance:		
Replace gearbo	ox oil with SP220.		
Jack up bridge	and check drive and trail wheel bearings are secure	on shaft.	
Clean away any	y excess grease that has leaked from drive and trail	wheel bearing seals.	
Check drive and	d trail wheel is secure on shaft	-	
Remove Driver Chain Spray.	Sprocket guard and check top sprocket for wear and	d is secure on shaft. Lubricat	te with Recol Drive &
Check bottom s	sprocket (driven) for wear and secure on shaft. Lubric	cate with Recol Drive & Chai	in Spray.
Check chain for	r wear and stretching. Lubricate with Recol Drive & C	Chain Spray.	
Secondary Set	ttling Tank 2		
While bridge is	s running check:		
Drive gearbox f	or leaks / noise / vibration		
Drive Wheel an	d idle wheel for bearing noise / de-lamination		
Centre Column	Bearing for noise / vibration		
Scum Scraper f	for damage		
Check all greas	se lines and grease nipples for defects.		
Check all suppo	ort chains and/or wire ropes for defects and visible a	nchor points for wear.	
Apply 1 shot Mo	olub Alloy 6040/460-1.5 grease to centre column.		
Apply 2 shots M	Molub Alloy 6040/460-1.5 grease to bridge pivot point	ts (2).	
Apply 1 shot of	Molub Alloy 6040/460-1.5 Grease to each drive and	trail wheel bearing.	
Isolate bridge	and perform lube maintenance:		
Replace gearbo	ox oil with SP220.		
Jack up bridge	and check drive and trail wheel bearings are secure	on shaft.	
Clean away any	y excess grease that has leaked from drive and trail	wheel bearing seals.	
	d trail wheel is secure on shaft Sprocket guard and check top sprocket for wear and	d is secure on shaft. Lubricat	te with Recol Drive &
	sprocket (driven) for wear and secure on shaft. Lubric	cate with Recol Drive & Chai	in Spray.
	r wear and stretching. Lubricate with Recol Drive & C		
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LOCATION:	Beaudesert Sewerage Treatment Plant	STANDARD JOB No.:	LTS704

Trickle Filter 1	
Check centre b	earing for noise and freedom of movement.
Apply EPL2 gre	ease centre bearing.
nspect centre	column and arms for wear and corrosion.
Operate turn bu	uckles.
nspect cables,	arm support rods and mounting points for wear & corrosion.
Frickle Filter 2	
	earing for noise and freedom of movement.
	ease centre bearing.
	column and arms for wear and corrosion.
Operate turn bu	
•	arm support rods and mounting points for wear & corrosion.
mopoot cables,	ann support rode and modificing points for would a someoner.
Humus Pump	1
	r leaks, noise and vibration.
	Plate Assembly and check impeller wear and backing plate wear.
	ince between impeller & wear plate. Add or remove shims so clearance is within manufacture's
Remove pump	coupling guard and check coupling and rubbers.
Replace oil with	n Castrol Hyspin AWH100 checking for contaminates.
Humus Pump	2
Check pump fo	r leaks, noise and vibration.
	Plate Assembly and check impeller wear and backing plate wear.
Measure cleara colerances.	ince between impeller & wear plate. Add or remove shims so clearance is within manufacture's
Remove pump	coupling guard and check coupling and rubbers.
Replace oil with	n Castrol Hyspin AWH100 checking for contaminates.

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