

DESCRIPTION:	Intermediate Zone 1 Lubrication and Service	FREQUENCY:	6 Months
LOCATION:	Beaudesert Sewerage Treatment Plant	STANDARD JOB No.:	LTS703

1	ools & Equipment
-	Spare Parts/Materials List
	Castrol Spheerol EPL2 grease
	Castrol Alpha SP220
	Orive & Chain Spray by Recol
	Castrol Molub Alloy 6040/460-1.5
	Reference
	Follow correct shut down procedures before working on any equipment.
	BB Series Muncher Installation, Operation and Maintenance Instructions Manual – for model CB201
	bb Series Municipal Installation, Operation and Maintenance Instructions Manual – 101 model CB201
١	Aaintenance Group
F	Primary Sedimentation Tank 1
F	Primary Sedimentation Tank 2
	rickle Filter 1
I	rickle Filter 2
H	Humus Pump Station
	Secondary Settling Tank 1
	Secondary Settling Tank 2
	, ,
F	Procedural Steps
	Before isolating any equipment, where possible observe in running condition. Check for correct opera
	The tasks below incorporate the 1 Month Greasing schedule so work should commence on or as close
ļ	possible to Start Date to maintain correct frequency.
_	Primary Tank 1 Sludge Pump
*	*Request if Operator can do a draw off so to operate pump to carry out task below. Do this in conjunction with funcher check**
	*Check pump for leaks, noise and vibration.
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Deimon Toul	LOLA Las Barres Marriel en		

Primary Tank 1 Sludge Pump Muncher
Check Muncher for leaks, noise and vibration.
Check gearbox oil level and for contamination. Top up if required with SP220.
Remove covers and inspect cutters for wear & tear.
Primary Tank 2 Sludge 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.
Primary Tank 2 Sludge Pump Muncher
Check Muncher for leaks, noise and vibration.
Check gearbox oil level and for contamination. Top up if required with SP220.
Remove covers 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.
Primary Tanks Scum Pump Muncher
Check Muncher for leaks, noise and vibration.
Check gearbox oil level and for contamination. Top up if required with SP220.
Remove covers and inspect cutters for wear & tear.

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	Beaudesert Sewerage Treatment Flant	STANDARD 30D No	1215703
Primary Settlir	ng Tank 1		
While bridge is	s running check:		
Drive gearbox f	or leaks / noise / vibration		
Drive Wheel an	nd 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 an	chor points for wear.	
Apply 1 shot Mo	olub Alloy 6040/460-1.5 grease to centre column.		
Apply 2 shots N	Molub Alloy 6040/460-1.5 grease to bridge pivot points	s (2).	
Apply 1 shot of	Molub Alloy 6040/460-1.5 Grease to each drive and to	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 of	on shaft.	
Clean away any	y excess grease that has leaked from drive and trail v	vheel bearing seals.	
	d trail wheel is secure on shaft		
Remove Driver & Chain Spray.	Sprocket guard and check top sprocket for wear and	is secure on shaft. Lubricat	e with Recol Drive
Check bottom s	sprocket (driven) for wear and secure on shaft. Lubric	ate with Recol Drive & Chai	n Spray.
Check chain for	r wear and stretching. Lubricate with Recol Drive & C	hain Spray.	
Primary Settlir	ng Tank 2		
While bridge is	s running check:		
Drive gearbox f	for 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 an	chor points for wear.	
Apply 1 shot Mo	olub Alloy 6040/460-1.5 grease to centre column.		
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Isolate bridge	and perform lube maintenance:		
Replace gearbo	ox oil with SP220.		
Jack up bridge	and check drive and trail wheel bearings are secure of	on shaft.	
Clean away an	y excess grease that has leaked from drive and trail v	vheel bearing seals.	
l .	d trail wheel is secure on shaft Sprocket guard and check top sprocket for wear and	is secure on shaft. Lubricat	e with Recol Drive
	sprocket (driven) for wear and secure on shaft. Lubric	ate with Recol Drive & Chai	n Spray.
Check chain for	r wear and stretching. Lubricate with Recol Drive & C	hain Spray.	
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LOCATION:	Beaudesert Sewerage Treatment Plant	STANDARD JOB No.:	LTS703

Eccilion.	Beaudesert Sewerage Treatment Flant	STANDARD 30D No.:	LIB/03
Secondary Set	ttling Tank 1		
While bridge is	s running check:		
Drive gearbox f	or leaks / noise / vibration		
Drive Wheel an	nd 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 and	chor 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 points	(2).	
Apply 1 shot of	Molub Alloy 6040/460-1.5 Grease to each drive and to	rail 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 o	n shaft.	
Clean away any	y excess grease that has leaked from drive and trail w	heel bearing seals.	
	d trail wheel is secure on shaft		
Remove Driver & Chain Spray.	Sprocket guard and check top sprocket for wear and	is secure on shaft. Lubricat	te with Recol Drive
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Secondary Set	ttling Tank 2		
While bridge is	s running check:		
Drive gearbox f	or leaks / noise / vibration		
Drive Wheel an	nd idle wheel for bearing noise / de-lamination		
Centre Column	Bearing for noise / vibration		
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LOCATION:	Beaudesert Sewerage Treatment Plant	STANDARD JOB No.:	LTS703

Γr	ickle Filter 1
Cr	neck centre bearing for noise and freedom of movement.
٩p	oply EPL2 grease centre bearing.
ทร	spect centre column and arms for wear and corrosion.
Эp	perate turn buckles.
กร	spect cables, arm support rods and mounting points for wear & corrosion.
Γr	ickle Filter 2
	neck centre bearing for noise and freedom of movement.
	oply EPL2 grease centre bearing.
	spect centre column and arms for wear and corrosion.
	perate turn buckles.
	spect cables, arm support rods and mounting points for wear & corrosion.
	speed easies, ann eappert read and meanting pointe for wear a correction.
Ηι	ımus Pump 1
	neck pump for leaks, noise and vibration.
	emove Back Plate Assembly and check impeller wear and backing plate wear.
	easure clearance between impeller & wear plate. Add or remove shims so clearance is within manufacture's erances.
Re	emove pump coupling guard and check coupling and rubbers.
Ch	neck oil level and top up with if required with Castrol Hyspin AWH100.
_	
	umus Pump 2
	neck pump for leaks, noise and vibration.
	emove Back Plate Assembly and check impeller wear and backing plate wear.
	easure clearance between impeller & wear plate. Add or remove shims so clearance is within manufacture's erances.
$\exists \epsilon$	emove pump coupling guard and check coupling and rubbers.
Ch	neck oil level and top up with if required with Castrol Hyspin AWH100.

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