

DESCRIPTION:	Major Zone 1 Lubrication and Service	FREQUENCY:	12 Months
LOCATION:	Kalbar Sewerage Treatment Plant	STANDARD JOB No.:	LTS710

Sį	pare Parts/Materials List
Ca	astrol LMX Grease
Ca	astrol SP220 Oil
No re	estrol Spheroll SX2 Grease ote: Spheroll SX2 grease is a better grease for the Aerator bearing however comes in a 400g tube quiring a special grease gun. Castrol part No: 3304846 (grease) Must be ordered by the box which ontains 12 tubes. Castrol has advised that LMX will be ok.
Re	eference
Fo	ollow correct shut down procedures before working on any equipment.
Sp	oiral Sieve O & M Manual - Inspection, Servicing and Maintenance section 7
0	& M Manual Class I Tornado Aspirating Aerator
М	aintenance Group
In	let Spiral Sieve
To	ornado Aeromix Mixer / Aerators
	ocedural Steps efore isolating any equipment, where possible observe in running condition. Check for correct operat
ln	let Structure
Sp	piral Sieve Gearbox and motor for leaks, noise and vibration
Sp	piral Sieve is operating correctly and for defects.
CI	neck conveyor liner for wear.
CI	neck condition of screen brush.
ls	olate Spiral Sieve and :
CI	neck Spiral Sieve wear rails for wear via holding screw.
CI	neck screen brush for damage and wear.
CI	neck for widening of sieve basket, adjust as required.
CI	neck water cleaning system.
_	nange oil in gearbox with SP220.
Cl	

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T	ornado Aeromix Mixer / Aerators
R	emove each Aerator from the settling pond.
С	heck coupling for wear or presence of rubber dust in the coupling area.
Ti	ighten all exposed bolts.
	heck propeller for nicks or pits. Check for end play or side play.
	heck Seals. Rotate propeller by hand. Propeller should rotate freely. Remove the propeller and cone and visually spect the outer seal. There should not be a gap between the seal and shaft.
С	heck Shaft end play. There should not be noticeable end play.
	there is noticeable end play remove the seal module and visually check the bearings.
	efore putting back into service apply 2 shots of LMX grease to grease nipple near the top of the draught tube on Il Aerators

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