

DESCRIPTION:	Intermediate Zone 1 Lubrication and Service	FREQUENCY:	6 Months
LOCATION:	Kalbar Sewerage Treatment Plant	STANDARD JOB No.:	LTS709

Tools & Equipment
Spare Parts/Materials List
Castrol LMX Grease
Castrol SP220 Oil
Castrol Spheroll SX2 Grease
Note: Spheroll SX2 grease is a better grease for the Aerator bearing however comes in a 400g tube requiring a special grease gun. Castrol part No: 3304846 (grease) Must be ordered by the box which contains 12 tubes. Castrol has advised that LMX will be ok.
Reference
Follow correct shut down procedures before working on any equipment.
Spiral Sieve O & M Manual - Inspection, Servicing and Maintenance section 7
O & M Manual Class I Tornado Aspirating Aerator
Maintenance Group
Inlet Spiral Sieve
Tornado Aeromix Mixer / Aerators
Procedural Steps
Before isolating any equipment, where possible observe in running condition. Check for correct operation.
Inlet Structure
Spiral Sieve Gearbox and motor for leaks, noise and vibration
Spiral Sieve is operating correctly and for defects.
Check conveyor liner for wear.
Check condition of screen brush.
Isolate Spiral Sieve and :
Check Spiral Sieve wear rails for wear via holding screw.
Check screen brush for damage and wear.
Check for widening of sieve basket, adjust as required.
Check water cleaning system.
Check gearbox oil level and for contamination. Drain and change if necessary with SP220.
Refill drive end grease chamber.

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