

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

| | ools & Equipment |
|--------|---|
| S | Spare Parts/Materials List |
| | Castrol LMX Grease |
| | Castrol SP220 Oil |
| | Castrol Spheroll SX2 Grease |
| N r | lote: Spheroll SX2 grease is a better grease for the Aerator bearing however comes in a 400g tube equiring 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. |
| F | Reference |
| F | follow correct shut down procedures before working on any equipment. |
| S | Spiral Sieve O & M Manual - Inspection, Servicing and Maintenance section 7 |
| C | 0 & M Manual Class I Tornado Aspirating Aerator |
| | |
| ٨ | Maintenance Group |
| lı | nlet Spiral Sieve |
| T | ornado Aeromix Mixer / Aerators |
| | |
| F | Procedural Steps |
| Т | Before isolating any equipment, where possible observe in running condition. Check for correct operat |
| | |
| | |
| lı | nlet Structure |
| S | Spiral Sieve Gearbox and motor for leaks, noise and vibration |
| S | Spiral Sieve is operating correctly and for defects. |
| C | Check conveyor liner for wear. |
| C | Check condition of screen brush. |
| ļ | solate Spiral Sieve and : |
| C | Check Spiral Sieve wear rails for wear via holding screw. |
| C | Check screen brush for damage and wear. |
| C | Check for widening of sieve basket, adjust as required. |
| C | Check water cleaning system. |
| C | Check gearbox oil level and for contamination. Drain and change if necessary with SP220. |
| F | Refill drive end grease chamber. |
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| Tornado Aeromix Mixer / Aerators | |
|---|--|
| Apply 2 shots of LMX grease to grease nipple near the top of the draught tube on all 5 Aerators | |
| Check each unit for any defects. | |
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