

<b>DESCRIPTION:</b>	Monthly Plant Lubrication	<b>FREQUENCY:</b>	Monthly
<b>LOCATION:</b>	Beautesert Sewerage Treatment Plant	<b>STANDARD JOB No.:</b>	LTS717

<b>Tools &amp; Equipment</b>
<b>Spare Parts/Materials List</b>
Castrol Spheerol EPL2 grease
Castrol Ultra Tak
Drive & Chain Spray by Recoil
Castrol Molub Alloy 6040/460-1.5 Grease
<b>Reference</b>
Follow correct shut down procedures before working on any equipment.
<b>Maintenance Group</b>
Primary Sedimentation Tank 1
Primary Sedimentation Tank 2
Trickle Filter 1
Trickle Filter 2
Secondary Settling Tank 1
Secondary Settling Tank 2
Centrifuge
<b>Procedural Steps</b>
<b>Before isolating any equipment, where possible observe in running condition. Check for correct operation.</b>
<b>Primary Sedimentation Tank 1</b>
Apply 1 shot Molub Alloy 6040/460-1.5 grease to centre column.
Apply 2 shots 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 trail wheel bearing.
<b>Isolate Bridge.</b>
Remove Driver Sprocket guard and apply Recoil Drive & Chain Spray to chain, driver sprocket.
Apply Recoil Drive & Chain Spray to chain and driven sprocket from underneath Geared Motor Unit baseplate.

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<b>Primary Sedimentation Tank 2</b>
Apply 1 shot Molub Alloy 6040/460-1.5 grease to centre column.
Apply 2 shots 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 trail wheel bearing.
<b>Isolate Bridge.</b>
Remove Driver Sprocket guard and apply Recol Drive & Chain Spray to chain, driver sprocket.
Apply Recol Drive & Chain Spray to chain and driven sprocket from underneath Geared Motor Unit baseplate.
<b>Trickle Filter 1</b>
Apply EPL2 grease centre column bearing.
<b>Trickle Filter 2</b>
Apply EPL2 grease centre column bearing.
<b>Secondary Settling Tank 1</b>
Apply 1 shot Molub Alloy 6040/460-1.5 grease to centre column.
Apply 2 shots 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 trail wheel bearing.
<b>Isolate Bridge.</b>
Remove Driver Sprocket guard and apply Recol Drive & Chain Spray to chain, driver sprocket.
Apply Recol Drive & Chain Spray to chain and driven sprocket from underneath Geared Motor Unit baseplate.
<b>Secondary Settling Tank 2</b>
Apply 1 shot Molub Alloy 6040/460-1.5 grease to centre column.
Apply 2 shots 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 trail wheel bearing.
<b>Isolate Bridge.</b>
Remove Driver Sprocket guard and apply Recol Drive & Chain Spray to chain, driver sprocket.
Apply Recol Drive & Chain Spray to chain and driven sprocket from underneath Geared Motor Unit baseplate.
<b>Centrifuge</b>
Apply 30 shots of Castrol Ultra Tak to each main bearing.
**The grease should be pumped into the housing and expelled through the excess grease outlet. Grease nipples are accessible without removing covers and lubrication can be performed during machine operation.