

<b>DESCRIPTION:</b>	Mechanical – ST039 Inlet Band Screen- Inspection & Service	<b>FREQUENCY:</b>	
<b>LOCATION:</b>	ST039 Bundamba STP	<b>STANDARD JOB No.:</b>	

	<b>Reference Material</b>
	FSM – Operating Instruction Centre-Flow-Screen 1200.5.90 Bundamba STP
	<b>Grease and Oils Required – Equivalents can be used.</b>
	CLP HC 220 Miner Oil
	Lithium Saponified Grease
	Interflon Food Lube
	CLP HC 220 Synthetic Oil
	<b>Procedural Steps</b>
	<b>Before isolating any equipment where possible observe in running condition. Check for correct operation.</b>
	<b>Basic Service</b>
	Remove inspection cover and check for signs of damage.
	Spray chain with Food Lube.
	Check Round Brushes. Adjust so they rest lightly on the filter baskets.
	Check Chain Drive GMU for leaks, abnormal noise and/or vibration.
	Check Brush Drive GMU for leaks, abnormal noise and/or vibration.
	<b>Minor Service</b>
	Remove inspection cover and check for signs of damage.
	Retention drive chains by 1 mm. ** Refer to Manual
	Spray chain with Food Lube.
	Check Round Brushes. Adjust so they rest lightly on the filter baskets.
	Apply 3 shots of Lithium Saponified Grease to Brush Shaft Bearing.
	Check for clogging of wash water nozzles.
	Clean Filter Panel.
	Check Solenoid is operating correctly.
	Check Chain Drive GMU for leaks, abnormal noise and/or vibration.
	Check Brush Drive GMU for leaks, abnormal noise and/or vibration.

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<b>Intermediate Service</b>
Remove inspection cover and check for signs of damage.
Retention drive chains by 1 mm. ** Refer to Manual
Spray chain with Food Lube.
Check Round Brushes. Adjust so they rest lightly on the filter baskets.
Apply 3 shots of Lithium Saponified Grease to Brush Shaft Bearing.
Apply 4 shots of Lithium Saponified Grease to Sprocket Shaft Bearing.
Check for clogging of wash water nozzles.
Clean Filter Panel.
Check Solenoid is operating correctly.
Check oil level in Chain Drive GMU.
Check oil level in Brush Drive GMU.
Check Chain Drive GMU for leaks, abnormal noise and/or vibration.
Check Brush Drive GMU for leaks, abnormal noise and/or vibration.
<b>Major Service</b>
<b>*** This service requires the isolation and emptying of the channel ***</b>
Before Isolation - Check Chain Drive GMU for leaks, abnormal noise and/or vibration.
Before Isolation - Check Brush Drive GMU for leaks, abnormal noise and/or vibration.
Check Drive Shaft for wear & tear or damage.
Check Sprockets for wear & tear or damage.
Check Drive Chains for wear & tear or damage.
Retention drive chains based on gap at Lower Deflection. ** Refer to Manual
Check lateral & curve sealing for wear & tear or damage.
Check Brush Shaft for wear & tear or damage.
Spray chain with Food Lube.
Check Round Brushes. Adjust so they rest lightly on the filter baskets.
Apply 3 shots of Lithium Saponified Grease to Brush Shaft Bearing.
Apply 4 shots of Lithium Saponified Grease to Sprocket Shaft Bearing.
Check for clogging of wash water nozzles.
Check oil level in Chain Drive GMU. CLP HC 220 Miner Oil
Check oil level in Brush Drive GMU. CLP HC 220 Synthetic Oil
Check Solenoid is operating correctly.
Clean Filter Panel.

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	<b>Major Service Plus Oil Change</b>
	<b>*** This service requires the isolation and emptying of the channel ***</b>
	Before Isolation - Check Chain Drive GMU for leaks, abnormal noise and/or vibration.
	Before Isolation - Check Brush Drive GMU for leaks, abnormal noise and/or vibration.
	Check Drive Shaft for wear & tear or damage.
	Check Sprockets for wear & tear or damage.
	Check Drive Chains for wear & tear or damage.
	Retention drive chains based on gap at Lower Deflection. ** Refer to Manual
	Check lateral & curve sealing for wear & tear or damage.
	Check Brush Shaft for wear & tear or damage.
	Spray chain with Food Lube.
	Check Round Brushes. Adjust so they rest lightly on the filter baskets.
	Apply 3 shots of Lithium Saponified Grease to Brush Shaft Bearing.
	Apply 4 shots of Lithium Saponified Grease to Sprocket Shaft Bearing.
	Check for clogging of wash water nozzles.
	Replace in Chain Drive GMU. CLP HC 220 Miner Oil
	Replace in Brush Drive GMU. CLP HC 220 Synthetic Oil
	Check Solenoid is operating correctly.
	Clean Filter Panel.