

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

Referenc	e Material
FSM – Op	perating Instruction Centre-Flow-Screen 1200.5.90 Bundamba STP
CLP HC 2 Lithium S	nd Oils Required – Equivalents can be used. 220 Miner Oil aponified Grease Food Lube
	220 Synthetic Oil
Procedui	•
Before Is	olating any equipment where possible observe in running condition. Check for correct operation
Basic Se	rvice
Remove i	nspection cover and check for signs of damage.
Spray cha	ain with Food Lube.
Check Ro	ound Brushes. Adjust so they rest lightly on the filter baskets.
Check Ch	ain Drive GMU for leaks, abnormal noise and/or vibration.
Check Br	ush Drive GMU for leaks, abnormal noise and/or vibration.
Minor Se	rvice
Remove i	nspection cover and check for signs of damage.
Retention	drive chains by 1 mm. ** Refer to Manual
Spray cha	ain with Food Lube.
Check Ro	ound Brushes. Adjust so they rest lightly on the filter baskets.
Apply 3 s	hots of Lithium Saponified Grease to Brush Shaft Bearing.
Check for	clogging of wash water nozzles.
Clean Filt	er Panel.
Check Sc	lenoid is operating correctly.
Check Ch	nain Drive GMU for leaks, abnormal noise and/or vibration.
	ush Drive GMU for leaks, abnormal noise and/or vibration.

Doc Id:FOR454Active Date:02/02/2022Revision 1OwnerSylvester HennessyPrinted:Page 1 of 3

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ntermediate Sei	vice
Remove inspection	on cover and check for signs of damage.
Retention drive cl	nains by 1 mm. ** Refer to Manual
Spray chain with	Food Lube.
Check Round Bru	shes. Adjust so they rest lightly on the filter baskets.
Apply 3 shots of L	Lithium Saponified Grease to Brush Shaft Bearing.
Apply 4 shots of L	Lithium Saponified Grease to Sprocket Shaft Bearing.
Check for cloggin	g of wash water nozzles.
Clean Filter Pane	l
Check Solenoid is	s operating correctly.
Check oil level in	Chain Drive GMU.
Check oil level in	Brush Drive GMU.
Check Chain Driv	re GMU for leaks, abnormal noise and/or vibration.
Check Brush Driv	e GMU for leaks, abnormal noise and/or vibration.
Major Service	
** This service	requires the isolation and emptying of the channel ***
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 Shat	it for wear & tear or damage.
Check Sprockets	for wear & tear or damage.
Check Drive Cha	ins for wear & tear or damage.
Retention drive cl	nains based on gap at Lower Deflection. ** Refer to Manual
Check lateral & c	urve sealing for wear & tear or damage.
Check Brush Sha	ft for wear & tear or damage.
Spray chain with	Food Lube.
Check Round Bru	shes. Adjust so they rest lightly on the filter baskets.
Apply 3 shots of L	Lithium Saponified Grease to Brush Shaft Bearing.
Apply 4 shots of L	Lithium Saponified Grease to Sprocket Shaft Bearing.
Check for cloggin	g 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	s operating correctly.
Clean Filter Pane	<u> </u>

Doc Id:FOR454Active Date:02/02/2022Revision 1OwnerSylvester HennessyPrinted:Page 2 of 3

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Ма	ijor Service Plus Oil Change
***	This service requires the isolation and emptying of the channel ***
Bet	fore Isolation - Check Chain Drive GMU for leaks, abnormal noise and/or vibration.
Bet	fore Isolation - Check Brush Drive GMU for leaks, abnormal noise and/or vibration.
Ch	eck Drive Shaft for wear & tear or damage.
Ch	eck Sprockets for wear & tear or damage.
Ch	eck Drive Chains for wear & tear or damage.
Re	tention drive chains based on gap at Lower Deflection. ** Refer to Manual
Ch	eck lateral & curve sealing for wear & tear or damage.
Ch	eck Brush Shaft for wear & tear or damage.
Spi	ray chain with Food Lube.
Ch	eck Round Brushes. Adjust so they rest lightly on the filter baskets.
Ар	ply 3 shots of Lithium Saponified Grease to Brush Shaft Bearing.
Ар	ply 4 shots of Lithium Saponified Grease to Sprocket Shaft Bearing.
Ch	eck for clogging of wash water nozzles.
Re	place in Chain Drive GMU. CLP HC 220 Miner Oil
Re	place in Brush Drive GMU. CLP HC 220 Synthetic Oil
Ch	eck Solenoid is operating correctly.
Cle	ean Filter Panel.

Doc Id:FOR454Active Date:02/02/2022Revision 1OwnerSylvester HennessyPrinted:Page 3 of 3

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