

DESCRIPTION:	3 Monthly Zone 1 Lubrication Maintenance	FREQUENCY :	3 Monthly
LOCATION :	ST18 Luggage Pont STP	STD JOB ID :	LTS018

Grease and Oils Required	Maintenance Group
Castrol AP3 Grease	Grit Dredger 1
Castrol EPL2 Grease	Grit Dredger 2
Castrol EP00 Grease	PST Bridges 1A, 1B, 2A, 2B, 5 & 6
Castrol Mollub Alloy 936SF Open Gear Grease	Effluent Water Pumps
Castrol EPX 80W-90	Formic Acid Dosing Pump
Castrol Hyspin AWS68	
Castrol Alpha SP320	
Castrol Alpha SP680	
Dry Lube Spray	
Procedural Steps	
Grit Dredger 1	
Grit Dredger Bridge Assembly	
Grease all wheel bearings on drive shaft (2 each side) with EPL2 Grease	
Grease all bogey wheel bearings with EPL2 Grease	
Pump	
Check drive belt tension and condition.	
Grease motor bearing with 2 shots of AP3 grease.	
Grit Hopper	
Grease Hopper Valve shaft spindle with Mollub Alloy 936SF grease.	
Grit Dredger 2	
Grit Dredger Bridge Assembly	
Grease all wheel bearings on drive shaft (2 each side) with EPL2 Grease	
Grease all bogey wheel bearings with EPL2 Grease	
Pump	
Check drive belt tension and condition.	
Grease motor bearing with 2 shots of AP3 grease.	

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Grit Hopper
Grease Hopper Valve shaft spindle with Mollub Alloy 936SF grease.
PST Bridges 1A, 1B.
Check grease level in auto greaser canister and top up with EPL2 grease if required.
Check grease lines for leaks and defects
Lubricate Draw Off valves spindle with Mollub Alloy Open Gear Grease. 1A (2 of)
Lubricate Draw Off valves spindle with Mollub Alloy Open Gear Grease. 1B (2 of)
Scraper Hoist 1A
Lubricate drive sprockets and drive chain with Mollub-Alloy open gear grease.
Lubricate turnbuckles on lifting ropes with Mollub-Alloy open gear grease.
Lubricate adjusting arm pivot points with Dry Lube Spray.
Scraper Hoist 1B
Lubricate drive sprockets and drive chain with Mollub-Alloy open gear grease.
Lubricate turnbuckles on lifting ropes with Mollub-Alloy open gear grease.
Lubricate adjusting arm pivot points with Dry Lube Spray.
Side Scraper 1A
Lubricate chains and adjusting screws with Mollub-Alloy open gear grease.
Grease idler sprocket bearings with EPL2 Grease.
Grease chain tensioner bearings with EPL2 Grease.
Lubricate adjusting arm pivot points with Dry Lube Spray.
Side Scraper 1B
Lubricate chains and adjusting screws with Mollub-Alloy open gear grease.
Grease idler sprocket bearings with EPL2 Grease.
Grease chain tensioner bearings with EPL2 Grease.
Lubricate adjusting arm pivot points with Dry Lube Spray.
PST Bridges 2A, 2B
Check grease level in auto greaser canister and top up with EPL2 grease if required.
Check grease lines for leaks and defects
Lubricate Draw Off valves spindle with Mollub Alloy Open Gear Grease. 2A (3 of)
Lubricate Draw Off valves spindle with Mollub Alloy Open Gear Grease. 2B (3 of)

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Scraper Hoist 2A
Lubricate drive sprockets and drive chain with Mollub-Alloy open gear grease.
Lubricate turnbuckles on lifting ropes with Mollub-Alloy open gear grease.
Lubricate adjusting arm pivot points with Dry Lube Spray.
Scraper Hoist 2B
Lubricate drive sprockets and drive chain with Mollub-Alloy open gear grease.
Lubricate turnbuckles on lifting ropes with Mollub-Alloy open gear grease.
Lubricate adjusting arm pivot points with Dry Lube Spray.
Side Scrapers 2A
Lubricate chains and adjusting screws with Mollub-Alloy open gear grease.
Grease idler sprocket bearings with EPL2 Grease.
Grease chain tensioner bearings with EPL2 Grease.
Lubricate adjusting arm pivot points with Dry Lube Spray.
Side Scrapers 2B
Lubricate chains and adjusting screws with Mollub-Alloy open gear grease.
Grease idler sprocket bearings with EPL2 Grease.
Grease chain tensioner bearings with EPL2 Grease.
Lubricate adjusting arm pivot points with Dry Lube Spray.
PST Bridge 5
Grease drive sprocket bearings with EPL2 grease.
Grease main drive shaft bearings with EPL2 grease.
Lubricate Draw Off valve spindles with Mollub Alloy Open Gear Grease. (3 of)
Scraper Hoist
Grease lifter shaft bearings with EPL2 grease
Side Scrapers
Lubricate chains and adjusting screws with Mollub-Alloy open gear grease.
Grease idler sprocket bearings with EPL2 Grease.
Grease chain tensioner bearings with EPL2 Grease.
Lubricate adjusting arm pivot points with Dry Lube Spray.
Grease scraper lift ramp rollers with EPL2 grease
Grease main drive sprocket bearings with EPL2 grease.

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PST Bridge 6
Grease drive sprocket bearings using common greasing block with EPL2 grease.
Grease main drive shaft bearings using common greasing block with EPL2 grease.
Lubricate valve spindles with Mollub Alloy Open Gear Grease.
Scraper Hoist
Grease lifter shaft bearings with EPL2 grease
Side Scrapers
Lubricate chains and adjusting screws with Mollub-Alloy open gear grease.
Grease idler sprocket bearings with EPL2 Grease.
Grease chain tensioner bearings with EPL2 Grease.
Lubricate adjusting arm pivot points with Dry Lube Spray.
Grease scraper lift ramp rollers with EPL2 grease
Grease main drive sprocket bearings with EPL2 grease.
Effluent Water Pump Unit 1
Grease Pumps and Motors 6 –8 shots of AP3 grease
Remove coupling guard and check condition of couplings and rubbers.
Effluent Water Pump Unit 2
Grease Pumps and Motors 6 –8 shots of AP3 grease
Remove coupling guard and check condition of couplings and rubbers.
Formic Acid Dosing Pump
Isolate and check oil level in pump top up as needed