

DESCRIPTION:	12 Monthly Zone 3 Lubrication Maintenance	FREQUENCY :	12 Monthly
LOCATION :	ST21 Sandgate WRP	STD JOB ID :	LTS042

	Grease and Oils Required	Maintenance Group
	Castrol AP3 Grease	Poly Batching
	Castrol ALPHA SP220	Sludge Hopper
	Castrol Hyspin AWS68	
	Parts	
	Hydac Replacement Element (Hydac Part No. 0160-R-010-BN3HC)	
	Hydac Replacement Air Breather (Hydac Part No. BLP162F10W2.0)	
	Reference	
	Poly Batching and Dosing Plant: SUPPLIERS MANUAL BWEA-VEN-S-6221	
	Sludge Hopper: SUPPLIERS MANUAL BWEA-VEN-S-C8011	
	Poly Batching	
	Apply 4 shots of AP3 grease to the screw feeder spiral shaft drive bearings.	
	Drain screw feeder drive gearbox and refill with SP220.	
	Sludge Hopper - Hydraulic Unit	
	Drain the oil from the hydraulic unit reservoir.	
	Replace the hydraulic unit return filter element and air breather	
	Refill with HYPIN AWH ISO 46 hydraulic oil.	
	Activate the "emergency hand pump operation" of hydraulic system to ensure correct operation	
	Activate the "emergency closure" of sludge hopper clamshell assemblies to ensure correct operation.	
	Measure the accumulator charge pressure. Should be 76.5 bar.	
	Measure the system pressure. Should be 140 bar.	
	Apply 2 shots of Castrol AP3 grease to each bearing on the drive motor.	
	Clam Shells	
	Apply 4 shots of AP3 grease to the sixteen clamshell bearing assemblies	