

Lubrication Schedule

Outstanding, details need to be added
 Details Comp

Count	Equipment No.	L4 Item	Requires Lube?	Details Comp	Part Requiring Lubrication	Manufacturer	Frame/Model Number	Recommended Lubricant		Lubricant Quantity				Pre-Lubed	Vendor Lubricant Approval	Comments	Vendor	
								ISO Visc. Grade or NLGI Grd.	Shell	QTY		FREQ (Hours)	Initial Change (Hrs)					Estimated Use
								VG/NLGI	Shell	QTY	First Fill	FREQ	Init Freq					Est Use
	Equipment No.		Y / N	Y / N	Part Requiring Lubrication	Manufacturer	Frame/Model Number							Y / N	Y / N	Comments	Drawing No	
1	37-AG-67	Y	Y	N	Fine Powder Transfer Tank Agitator													
	37-AG-67		Y	N	Gearbox, Agitator Drive	Lightnin Mixers	LCL-220	EP023		3kg	3kg	10,000	4,914	Y	Y	Change grease every 12 months if operating in adverse	138236-42-3700-45ED-AG-0004	
	37-AG-67		Y	Y	Bearings, Stool Housing	Lightnin Mixers	LCL-220	-	-	-	-	-	-	Y	-	Sealed for life. No lubrication required.		
	37-AG-67		Y	Y	Motor 2.2kW: Drive	Toshiba	D100L	-	-	-	-	-	-	Y	Y	Sealed for life. No lubrication required.		
2	37-CH-64	Y	Y	Y	Nickel Powder Pan Filter Discharge	SMP Contractor										No lubrication required.	138236-42-3700-45D1-0011	
3	37-CH-65	Y	Y	Y	Nickel Powder Dryer Discharge Chute	SMP Contractor										No lubrication required.	138236-42-3700-45D1-0011	
4	37-CH-66	Y	Y	Y	Nickel Powder Classifier Discharge	Kockumbulk (Dome Valve)										No lubrication required.	Dome Valve Vendor Drawing	
5	37-CH-67	Y	Y	Y	Nickel Powder Diverter Chute	Kockumbulk (Dome Valve)										No lubrication required.	Dome Valve Vendor Drawing	
6	37-CH-68	Y	Y	Y	Screw Classifier Discharge Chute	RCR Eng										No lubrication required.	Screw Classifier Vendor	
7	37-CH-69	Y	Y	Y	Nickel Powder Diverter Chute	Kockumbulk (Dome Valve)										No lubrication required.	Dome Valve Vendor Drawing	
8	37-CM-12	Y	Y	Y	Dust Scrubber	Fowlerex Technologies										No lubrication required.	138236-42-3700-45ED-CM-0002	
9	37-CM-13	Y	Y	Y	Wet Scrubber	Fowlerex Technologies										No lubrication required.	138236-42-3700-45ED-CM-0021	
10	37-CL-01	Y	Y	Y	Screw Classifier											No lubrication required.		
	37-CL-01		Y	Y	Motor 3.0kW: Screw Drive	Toshiba								Y	-	Sealed for life. No lubrication required.	138236-42-3700-45ED-CL-0007	
11	37-CL-02	Y	Y	Y	Nickel Powder Classifier											No lubrication required.		
	37-CL-02		Y	Y	Motor 11.2kW: Nickel Powder Classif Dve	ABB	M3BP 160L	1.5-3+	Alvania RL-2	25g	25g	3,120	21000	40000	Y	Y		138236-42-3700-45ED-CL-0008
	37-CL-02		Y	N	Upper Spindle Bearing	Sturtevant								Y	Y	1. Shut down the Whirlwind. 2. Remove the grease relief fitting. 3. Apply grease Shell Alvania EP-2, or the equivalent to the grease fitting until grease comes out the relief fitting. Wipe off excess grease.		
	37-CL-02		Y	N	Lower Spindle Bearing	Sturtevant								Y	Y	1. Remove the plug at the top of the spindle shaft and thread in the lubricator. 2. Remove the air relief fitting. 3. Apply grease, Shell Alvania EP-2, or the equivalent to the grease fitting on the lubricator using slow steady strokes. As grease is forced down the center of the shaft and into the lower bearing cavity the gauge will level off at 70-80 psi (5.0 -5.5 Bar) after each pump of the grease gun.		
12	37-CV-15A	Y	Y	Y	Nickel Powder Transfer Conveyor	Transmin								Y	-	No lubrication required.	138236-42-3700-45ED-CV-0005	
	37-CV-15A		Y	Y	Motor 4kW: Conveyor Drive									Y	-	No lubrication required.		
13	37-CV-15B	Y	Y	Y	Nickel Powder Transfer Conveyors	Transmin								Y	-	No lubrication required.	138236-42-3700-45ED-CV-0022	
	37-CV-15B		Y	Y	Motor 3kW: Conveyor Drive									Y	-	No lubrication required.		
14	37-CV-15C	Y	Y	Y	Nickel Powder Transfer Conveyor	Transmin								Y	-	No lubrication required.	138236-42-3700-45ED-CV-0006	
	37-CV-15C		Y	Y	Motor 5.5kW: Conveyor Drive									Y	-	No lubrication required.		
15	37-CV-15D	Y	Y	Y	Nickel Powder Transfer Conveyor	Transmin								Y	-	No lubrication required.	138236-42-3700-45ED-CV-0023	
	37-CV-15D		Y	Y	Motor 4kW: Conveyor Drive									Y	-	No lubrication required.		
16	37-CV-46	Y	Y	Y	Nickel Powder Bucket Elevator									Y	-	No lubrication required.	138236-42-3700-45ED-CV-0003	
	37-CV-46		Y	Y	Motor 1.5kW: Elevator Drive	Toshiba								Y	-	No lubrication required.		
17	37-CV-47	Y	Y	Y	Classifier Discharge Rotary Valve									Y	-	No lubrication required.	138236-42-3700-45ED-KV-0017	
	37-CV-47		Y	Y	Motor .55kW: Drive	Toshiba								Y	-	No lubrication required.		
18	37-DR-03	Y	Y	N	Nickel Powder Dryer													
	37-DR-03		Y	N	Motor 75kW: Dryer	Toshiba	?										37-25J-106	
19	37-FL-13	Y	Y	Y	Nickel Powder Pan Vacuum Filter													
	37-FL-13		Y	Y	Motor 1.1kW: Scroll Drive	SEW Eurodrive								Y	-	No lubrication required.	138236-42-3700-45ED-FL-0010	
	37-FL-13		Y	N	Gearbox, Scroll Drive	SEW Eurodrive	KA37AM 80	VG220	Omala 220HD	1.1 Ltr	1.1 Ltr	18,000	4,368	Y	Y			
	37-FL-13		Y	Y	Motor 0.55kW: Pan Filter Drive	SEW Eurodrive								Y	-	No lubrication required.	138236-42-3700-45ED-FL-0010	
	37-FL-13		Y	N	Gearbox, Pan Drive	SEW Eurodrive	KF107R77AM90	VG220	Omala 220HD	25.2 Ltr	25.2 Ltr	10,000	4,368	Y	Y			
20	37-FN-36	Y	Y	Y	Dust Scrubber Vent Fan									Y	-	No lubrication required.	138236-42-3700-45ED-CM-0002	
	37-FN-36		Y	Y	Motor 5.5kW: Fan Drive	Toshiba	132M							Y	-	No lubrication required.		
21	37-FN-37	Y	Y	Y	Wet Scrubber Vent Fan									Y	-	No lubrication required.	138236-42-3700-45ED-CM-0021	
	37-FN-37		Y	Y	Motor 7.5kW: Fan Drive	Toshiba								Y	-	No lubrication required.	138236-42-3700-45ED-CM-0028	
22	37-HO-02	Y	Y	N	Screw Classifier Hoist 2T													
	37-HO-02		Y	N	Motor ??kW: Hoist Drive													
23	37-HO-03	Y	Y	N	Nickel Powder Classifier Hoist 2T													
	37-HO-03		Y	N	Motor ??kW: Hoist Drive													
24	37-HO-04	Y	Y	N	Nickel Powder Dryer Hoist 5T													
	37-HO-04		Y	N	Motor ??kW: Hoist Drive													
25	37-PU-101	Y	Y	Y	Wet Scrubber Transfer Pump A													
	37-PU-101		Y	Y	Motor 2.2kW: Pump A, Drive	Toshiba								Y	-	Sealed for life. No lubrication required.	138236-42-3700-45ED-PU-0014	
	37-PU-101		Y	N	Barrel Assy : Pump A	Weir Warman	1,5/1 B-AH	EP2	Alvania EP-2									
26	37-PU-102	Y	Y	Y	Wet Scrubber Transfer Pump B													
	37-PU-102		Y	Y	Motor 2.2kW: Pump B, Drive	Toshiba								Y	-	Sealed for life. No lubrication required.	138236-42-3700-45ED-PU-0014	
	37-PU-102		Y	N	Barrel Assy : Pump B	Weir Warman	1,5/1 B-AH	EP2	Alvania EP-2									
27	37-PU-103	Y	Y	Y	Classifier Overflow Tank Pump A													
	37-PU-103		Y	Y	Motor 5.5kW: Pump A, Drive	Toshiba								Y	-	Sealed for life. No lubrication required.	138236-42-3700-45ED-PU-0015	
	37-PU-103		Y	N	Barrel Assy : Pump A	Weir Warman	1,5/1 B-AH	EP2	Alvania EP-2									
28	37-PU-104	Y	Y	N	Classifier Overflow Tank Pump B													
	37-PU-104		Y	N	Motor 5.5kW: Pump B, Drive	Toshiba								Y	-	Sealed for life. No lubrication required.	138236-42-3700-45ED-PU-0015	
	37-PU-104		Y	N	Barrel Assy : Pump B	Weir Warman	1,5/1 B-AH	EP2	Alvania EP-2									
29	37-PU-105	Y	Y	N	Fine Powder Transfer Pump A													
	37-PU-105		Y	N	Motor 2.2kW: Transfer Pump A, Drive	Toshiba								Y	-	Sealed for life. No lubrication required.	138236-42-3700-45ED-PU-0016	
	37-PU-105		Y	N	Barrel Assy : Pump A	Weir Warman	1,5/1 B-AH	EP2	Alvania EP-2									
30	37-PU-106	Y	Y	N	Fine Powder Transfer Pump B													
	37-PU-106		Y	N	Motor 2.2kW: Transfer Pump B, Drive	Toshiba								Y	-	Sealed for life. No lubrication required.	138236-42-3700-45ED-PU-0016	
	37-PU-106		Y	N	Barrel Assy : Pump B	Weir Warman	1,5/1 B-AH	EP2	Alvania EP-2									
31	37-PU-107	Y	Y	N	Pan Filter Wash Water Pump													
	37-PU-107		Y	N	Motor 2.2kW: Pan Filt Pump Drive	Toshiba								Y	-	Sealed for life. No lubrication required.	138236-42-3700-45ED-PU-0012	
	37-PU-107		Y	N	Barrel Assy: Pump 107	Weir Warman	1,5/1 B-AH	EP2	Alvania EP-2									
32	37-PU-18	Y	Y	N	Pan Filter Filtrate Pump													
	37-PU-18		Y	N	Motor 4kW: Pan Filt Pump, Drive	Toshiba								Y	-	Sealed for life. No lubrication required.	NA	