

DESCRIPTION:	3 Monthly Zone 5 Lubrication Maintenance	FREQUENCY:	3 Monthly
LOCATION:	ST18 Luggage Point STP	STD JOB ID:	LTS022

Grease and Oils Required	Maintenance Group
Castrol AP3 Grease	DAF Plant and Associated Equipment
Castrol EPL2 Grease	Aeration Blowers
Castrol EPX 80W-90	Storage Digester 1 and 2
Castrol Hyspin AWS32	Supernatant Pumps
Castrol Hyspin AWS68	Sludge Recirculation Pumps
Castrol Hyspin AWS100	
Castrol Alpha SP220	
Castrol Alpha SP680	
Dry Lube Spray	
Shell Turbo T46 Oil	
Procedural Steps	
DAF 3	
Check DAF No.3 Scraper Hydraulic system oil level. Top up with Hyspin AWS68 if required	
Check Tank No.3 Skimmer drive gearbox oil level. Top up with SP220 if required.	
Grease Tank No.3 skimmer drive end shaft bearings with 20 shots of EPL2 Grease. Both sides.	
DAF 4	
Check DAF No.4 Scraper Hydraulic system oil level. Top up with Hyspin AWS68 if required	
Check Tank No.4 Skimmer drive gearbox oil level. Top up with SP220 if required.	
Grease Tank No.4 skimmer drive end shaft bearings with 20 shots of EPL2 Grease. Both sides.	
Recycle Pump 1	
Grease Recycled Pump No.1 motor with 2 strokes of AP3 to each grease nipple.	
Recycle Pump 2	
Grease Recycled Pump No.2 motor with 2 strokes of AP3 to each grease nipple.	
Recycle Pump 3	
Grease Recycled Pump No.3 motor with 2 strokes of AP3 to each grease nipple.	
Subnatant Pump 1	
Grease Subnatant Pump No.1 motor with 2 strokes of AP3 to each grease nipple.	
Subnatant Pump 2	
Grease Subnatant Pump No.2 motor with 2 strokes of AP3 to each grease nipple.	

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Subnatant Pump 3
Grease Subnatant Pump No.3 motor with 2 strokes of AP3 to each grease nipple.
Sludge (TWAS) Pump1
Check TWAS Pump No.1 gearbox oil. Top up with SP220.
Sludge (TWAS) Pump2
Check TWAS Pump No.1 gearbox oil. Top up with SP220.
Feed Pump 1
Check Feed Pump No.1 oil. Top up with Hyspin AWS68.
Grease Feed Pump No.1 motor with 2 strokes of AP3 to each grease nipple.
Feed Pump 2
Change Feed Pump No.2 oil. Top up with Hyspin AWS68.
Grease Feed Pump No.2 motor with 2 strokes of AP3 to each grease nipple.
Feed Pump 3
Change Feed Pump No.3 oil. Top up with Hyspin AWS68.
Grease Feed Pump No.3 motor with 2 strokes of AP3 to each grease nipple.
Air Compressor 1
Check Air Compressor 1 oil levels. Report low levels.
Air Compressor 2
Check Air Compressor 1 oil levels. Report low levels.
Aeration Blower 1
Take oil sample from Blower No.1 and send for analysis. Top up with Turbo T46 oil.
Grease Blower No.1 Motor bearings with 3 shots of AP3 grease.
Aeration Blower 2
Take oil sample from Blower No.2 and send for analysis. Top up with Turbo T46 oil.
Grease Blower No.2 Motor bearings with 3 shots of AP3 grease.
Aeration Blower 3
Take oil sample from Blower No.3 and send for analysis. Top up with Turbo T46 oil.
Grease Blower No.3 Motor bearings with 3 shots of AP3 grease.
Aeration Blower 4
Take oil sample from Blower No.4 and send for analysis. Top up with Turbo T46 oil.
Grease Blower No.4 Motor bearings with 3 shots of AP3 grease.

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Aeration Blower 5
Take oil sample from Blower No.5 and send for analysis. Top up with Turbo T46 oil.
Grease Blower No.5 Motor bearings with 3 shots of AP3 grease.
Supernatant Pump 1
Check oil level, top up with Castrol Hyspin AWH100
Supernatant Pump 2
Check oil level, top up with Castrol Hyspin AWH100
Supernatant Pump 3
Check oil level, top up with Castrol Hyspin AWH100
Sludge Recirculation Pump 1
Check oil level, top up with Castrol Hyspin AWH100
Sludge Recirculation Pump 2
Check oil level, top up with Castrol Hyspin AWH100
Sludge Recirculation Pump 3
Check oil level, top up with Castrol Hyspin AWH100
Sludge Recirculation Pump 4
Check oil level, top up with Castrol Hyspin AWH100
Sludge Recirculation Pump 5
Check oil level, top up with Castrol Hyspin AWH100
Sludge Recirculation Pump 6
Check oil level, top up with Castrol Hyspin AWH100