

 <p>PO Box 299 Oberon NSW 2787 ABN 98 107 506 208</p>	Version	Author	Reviewed	Reference
	A - 1	SMS Work party	Committee	F-051
	30/01/2019			
	Schedule of 12 Monthly Diesel Locomotive Inspection and Maintenance			

Document Status

Version	Date	Revision	Prepared	Reviewed	Approved
A	29/08/2018		SMS Working Party	Committee	29/08/2018
A - 1	30/01/2019	1	SMS Working Party	Committee	30/01/2019

Revision Record

Revision	Date issued	Description of Changes
1	30/01/2019	Addition content

Schedule of 12 Monthly Diesel Locomotive Inspection and Maintenance
F-051

Document Distribution List

Position	Organisation	Copy Issued to (Yes/No)	Copy No.
Master Copy	OTHR		1
Operations Manager	OTHR	Yes	2
Rollingstock Manager	OTHR	Yes	3
Rail Safety Regulators	ONRSR	Yes	4

SCHEDULE OF TWELVE MONTHLY DIESEL HYDRAULIC LOCOMOTIVE INSPECTION AND MAINTENANCE

Engine N°	Class	Date		
COMPONENT	SCOPE OF WORK	P	F	Intl.
SIX MONTHLY INSPECTION	Perform Six Monthly Inspection			
ENGINE				
Injector Nozzles	Remove nozzles and get them tested or replaced check			
Valve Lash	Check adjustment Inlet = .015" Exhaust .035"			
Valve Rotators	Observe rotation of valves with engine idling			
Cooling System	Clean – Follow instructions in Procedures page D-4			
Generator Set	Remove 2 plugs, install upper fitting. Lubricate until new grease appears			
TRANSMISSION				
Oil	Oil Change ²			
Final Drive Gear Boxes	Oil Change ²			
AXLEBOXES	<p>Lubricate Roller Bearings:</p> <p>Clean exterior and remove front axle box cover. Using a plastic or synthetic rubber spatula remove all used grease from the front of Axlebox and from the cover.</p> <p>Add 450grams (16 ounces) of Axle Box Bearing Grease, item 5293A to the Axlebox by hand or by grease pump.</p> <p>Lincoln hand operated grease pump, 450 grams is equal to 112 strokes.</p> <p>Lincoln air operated grease pump, 50 grams is equal to 36 seconds operating time.</p> <p>Alemite 'Super H' air operated grease pump, 450 grams is equal to 75 seconds operating.</p> <p>Absolute cleanliness must be observed at all times during operation.</p>			

BRAKES				
3½" Triple Valve	Dismantle, examine, clean & grease ³			
Double Check Valve	Dismantle, examine valve seats & gaskets, clean ³			
Brake Cylinders	Dismantle clean & examine ³			
Release Valve	Clean, examine seat, renew washer if necessary ³			
Train Pipe Cocks	Remove handle, cap and plug. If good, clean, grease and reassemble ³			
Hosepipes	Examine for cuts or signs of strain – Renew if necessary ³			
Hosepipe Coupling Heads	Rubber gaskets must be in good condition and clear of beads Change hosepipe if stop pin is broken ³			
Test	as per WHB 4 ³			

References

- | | | |
|---|---------------------------------|-----------------|
| 1 | Caterpillar Service Manual | Checked By_____ |
| 2 | Voith Turbo Transmission Manual | |
| 3 | Westinghouse brake Manual | Print Name_____ |
| | | Date_____ |