

Heavy Vehicle Service Checklist

Daniel Poulsen
Created Thu, 06 Jun 2024, 12:10 PM (UTC+10)

Date: Thu, 06 Jun 2024

Technician: Benjamin Bentley

Vehicle: LFC 217 - Kenworth T403 Water Cart XB81CM

If other, please specify:

hrs:	2308	km:	243265
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1.0 - SERVICE CHECKLIST

Type of service required: B

1.1 - CHASSIS AND GENERAL

Action	Compliant ?	Comments
Check engine oil level	YES	
Check coolant level (inspect for leaks and damage)	YES	
Inspect engine for oil leaks	YES	
Check and/or replace air cleaner	YES	Replaced
Inspect belts and adjust as required	YES	
Inspect engine mounts and hoses	YES	
Check charge air systems for leaks and damage	YES	Governor valve needs replacing, minor air leaks at water valves
Grease chassis and turntable	YES	
Replace any nipples not taking grease	YES	
Inspect all uni joints	YES	
Check front hub bearing movement	YES	
Check centre bearings	YES	
Check oil level from hubs	YES	
Check kingpins for wear and movement	YES	
Check free play in steering and all components	YES	
Inspect steering oil level and check for leaks	YES	
Check all lights	YES	
Check batteries and terminals	YES	
Check all gauges	YES	
Adjust brakes (check for air leaks)	YES	

Action	Compliant ?	Comments
Inspect linings	YES	
Check and adjust clutch	NO	Pressure plate adjuster seized
Inspect tyres and adjust pressures	YES	
Check chassis and tighten bolts	YES	
Check air suspension for ride height	YES	
Check cabin mounts and suspension	YES	
Conduct a visual inspection of the vehicle	YES	
Check horn operation	YES	
Check fuel cap	YES	
Carry out ADR 35-A air system check	YES	
Check emergency breakdown parts in tool box	N/A	
Check and top up interior cleaning products	N/A	
Check first aid kit	YES	
Check fire extinguisher	YES	
Check spill kit	YES	

1.2 - TRANSMISSION

Action	Compliant ?	Comments
Check oil levels	YES	
Inspect for leaks	YES	Minor oil leak from PTO gasket, Minor oil leak from shift bar housing
Inspect movement in rear bearing	YES	

1.3 - DIFFERENTIAL

Action	Compliant ?	Comments
Check oil levels	YES	
Clean breathers	YES	
Inspect for leaks	YES	
Inspect for free play in input and outlet bearings	YES	
Inspect for movement in wheel bearings	YES	

1.4 - ENGINE

Action	Compliant ?	Comments
Change engine oil	YES	45L 15W40
Change oil filters	YES	
Change fuel filters	YES	
Test coolant and adjust if required, change filters	YES	

1.5 - BRAKES

Action	Compliant ?	Comments
Inspect brake lining condition and wear	YES	

1.6 - TYRES

Tyre Tread Depth

	L	R	Comments
1st Steer:	% 80	% 80	
2nd Steer:	%	%	
1st Drive:	% 90	% 90	
2nd Drive:	% 90	% 90	

1.7 - COOLER MOTOR

Cooler Motor Hours:		Serviced?:	N/A
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2.0 - COMMENTS

Comments:

Fit new a/c fan and speed resistor

Fixed air leaks for water valves - replaced diaphragms

Remove and replace D2 governor valve

3.0 - PHOTOS

No.	Photo	Comments

4.0 - ADDITIONAL WORK

Is additional work required for the vehicle?

YES

Provide details:

Air drier housing will need replacing when next due to service drier

5.0 - SIGN OFF

Technician: Daniel Poulsen, Mon, 24 Jun 2024, 5:39 am

Plant Manager: Daniel Poulsen, Mon, 24 Jun 2024, 5:39 am

Form Template Revision No.: 04

Heavy Vehicle Service Checklist

Imelda Stratton
Created Thu, 12 Sep 2024, 12:12 PM (UTC+10)

Date: Thu, 12 Sep 2024

Technician: James Tucker

Vehicle: LFC 217 - Kenworth T403 Water Cart XB81CM

If other, please specify:

hrs:	2709	km:	248189
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1.0 - SERVICE CHECKLIST

Type of service required: B

1.1 - CHASSIS AND GENERAL

Action	Compliant ?	Comments
Check engine oil level	YES	
Check coolant level (inspect for leaks and damage)	YES	
Inspect engine for oil leaks	YES	
Check and/or replace air cleaner	YES	replaced
Inspect belts and adjust as required	YES	all ok
Inspect engine mounts and hoses	YES	
Check charge air systems for leaks and damage	YES	
Grease chassis and turntable	YES	grease body
Replace any nipples not taking grease	YES	
Inspect all uni joints	YES	
Check front hub bearing movement	YES	
Check centre bearings	YES	
Check oil level from hubs	YES	all in spec
Check kingpins for wear and movement	YES	
Check free play in steering and all components	YES	in spec
Inspect steering oil level and check for leaks	YES	
Check all lights	YES	
Check batteries and terminals	YES	
Check all gauges	YES	
Adjust brakes (check for air leaks)	YES	
Inspect linings	YES	10 - 14mm

Action	Compliant ?	Comments
Check and adjust clutch	YES	
Inspect tyres and adjust pressures	YES	
Check chassis and tighten bolts	YES	
Check air suspension for ride height	YES	
Check cabin mounts and suspension	YES	
Conduct a visual inspection of the vehicle	YES	
Check horn operation	YES	
Check fuel cap	YES	
Carry out ADR 35-A air system check	N/A	
Check emergency breakdown parts in tool box	NO	
Check and top up interior cleaning products	NO	
Check first aid kit	YES	
Check fire extinguisher	YES	aug 24
Check spill kit	N/A	

1.2 - TRANSMISSION

Action	Compliant ?	Comments
Check oil levels	YES	new oil sae50
Inspect for leaks	YES	
Inspect movement in rear bearing	YES	

1.3 - DIFFERENTIAL

Action	Compliant ?	Comments
Check oil levels	YES	
Clean breathers	YES	cleaned
Inspect for leaks	YES	none
Inspect for free play in input and outlet bearings	YES	all ok
Inspect for movement in wheel bearings	YES	no play

1.4 - ENGINE

Action	Compliant ?	Comments
Change engine oil	YES	15w40
Change oil filters	YES	changed
Change fuel filters	YES	changed
Test coolant and adjust if required, change filters	YES	ok

1.5 - BRAKES

Action	Compliant ?	Comments
Inspect brake lining condition and wear	YES	

1.6 - TYRES

Tyre Tread Depth

	L	R	Comments
1st Steer:	% good	% good	
2nd Steer:	%	%	
1st Drive:	% ok	% good	inner has side wall damage
2nd Drive:	% ok	% good	different tread patterns

1.7 - COOLER MOTOR

Cooler Motor Hours:		Serviced?:	N/A
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2.0 - COMMENTS

Comments:

residue around fuel filter housing, rear axle air bags perishing, hydraulic leaks, pcV cover missing bolt, steering uni joints minor play.

3.0 - PHOTOS

No.	Photo	Comments

4.0 - ADDITIONAL WORK

Is additional work required for the vehicle?

YES

Provide details:

hydraulic leaks, clutch cannot be adjusted, air leaks

5.0 - SIGN OFF

Technician:	Imelda Stratton, Mon, 16 Sep 2024, 10:26 am
Plant Manager:	Daniel Poulsen, Mon, 23 Sep 2024, 6:23 am

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