



CONSTRUCTION EQUIPMENT

A11313 VOLVO L110F 4840 - TRANSMISSION (AUTO)



Sample No: VCP430837
Oil Type: VOLVO AT 102
Job No: A11313



SAMPLE INFORMATION

Sample Number	VCP430837	VCP307354	VCP266624	VCP269196
Sample Date	18 Oct 2023	02 Jun 2021	24 Jun 2020	20 Feb 2020
Machine Hours	27975	26458	25689	25250
Oil Hours	2000	0	0	0
Oil Changed	Changed	Not Changd	N/A	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	26.9	27.2	31.4	27.4
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CONTAMINATION

Silicon	ppm	2	3	3	2
Sodium	ppm	2	0	3	4
Potassium	ppm	<1	<1	7	0



WEAR METALS

Iron	ppm	3	7	3	4
Copper	ppm	1	1	<1	1
Lead	ppm	0	<1	4	0
Tin	ppm	0	0	0	0
Aluminum	ppm	<1	0	<1	<1
Chromium	ppm	0	<1	0	<1
Molybdenum	ppm	0	<1	1	0
Nickel	ppm	0	0	1	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	<1	0	0
Manganese	ppm	<1	<1	0	0
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	99	99	105	125
Magnesium	ppm	2	2	2	4
Zinc	ppm	9	4	9	17
Phosphorus	ppm	185	172	202	202
Barium	ppm	0	0	0	0
Boron	ppm	80	201	92	83

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the fluid. The condition of the fluid is acceptable for the time in service.

Depot: COVBAl
Unique No: 10712232
Signed: Wes Davis
Report Date: 26 Oct 2023



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VOLVO GRAPHS

