



CONSTRUCTION EQUIPMENT

VOLVO L110H 631301 - TRANSMISSION (AUTO)



Sample No: VCP431790
Oil Type: VOLVO AT 102
Job No:



SAMPLE INFORMATION

Sample Number	VCP431790	VCP424529	VCP393957	VCP274967
Sample Date	04 Dec 2023	03 Jul 2023	01 Mar 2023	03 May 2020
Machine Hours	16601	16090	15336	11442
Oil Hours	0	0	1500	2000
Oil Changed	Not Chngd	N/A	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	SEVERE

COVANTA
 350 FLAKENBURG ROAD
 TAMPA, FL
 US 33619
 Contact: SERVICE MANAGER



OIL CONDITION

Visc @ 40°C	cSt	28.4	28.2	29.0	28.7
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T: (813)684-5688
 F:



CONTAMINATION

Water	%	NEG	NEG	NEG	5.15
Silicon	ppm	2	4	4	21
Sodium	ppm	2	0	4	26
Potassium	ppm	0	1	0	0

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.



WEAR METALS

Iron	ppm	64	65	59	287
Copper	ppm	6	7	7	23
Lead	ppm	0	0	0	0
Tin	ppm	0	0	0	0
Aluminum	ppm	2	3	3	39
Chromium	ppm	<1	0	<1	2
Molybdenum	ppm	0	<1	<1	0
Nickel	ppm	0	0	0	<1
Titanium	ppm	0	0	0	<1
Silver	ppm	0	0	<1	0
Manganese	ppm	3	3	3	11
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	57	67	62	92
Magnesium	ppm	0	1	1	2
Zinc	ppm	79	81	74	56
Phosphorus	ppm	174	162	157	153
Barium	ppm	<1	2	0	3
Boron	ppm	46	51	50	57

Depot: COVTAM
Unique No: 10871450
Signed: Wes Davis
Report Date: 09 Feb 2024



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GRAPHS

