



CONSTRUCTION EQUIPMENT

VOLVO L110H 631301 - TRANSMISSION (AUTO)



Sample No: VCP424529
Oil Type: VOLVO AT 102
Job No:



SAMPLE INFORMATION

Sample Number	VCP424529	VCP393957	VCP274967	---
Sample Date	03 Jul 2023	01 Mar 2023	03 May 2020	---
Machine Hours	16090	15336	11442	---
Oil Hours	0	1500	2000	---
Oil Changed	N/A	Changed	Changed	---
Sample Status	NORMAL	NORMAL	SEVERE	---

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



OIL CONDITION

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



CONTAMINATION

Water	%	---	---	5.15	---
Silicon	ppm	4	4	21	---
Sodium	ppm	0	4	26	---
Potassium	ppm	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 oil. The condition of the oil is acceptable for the time in service.



WEAR METALS

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



ADDITIVES

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

Depot: COVTAM
Unique No: 10607576
Signed: Sean Felton
Report Date: 18 Aug 2023



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GRAPHS

