



CONSTRUCTION EQUIPMENT

VOLVO L110H 631695 - TRANSMISSION (AUTO)



Sample No: VCP424454
Oil Type: VOLVO AT 102
Job No:



SAMPLE INFORMATION

Sample Number	VCP424454	VCP417530	VCP386168	VCP353951
Sample Date	11 Jul 2023	26 May 2023	07 Nov 2022	19 Aug 2022
Machine Hours	19030	18421	17370	16204
Oil Hours	0	2000	500	500
Oil Changed	Not Chngd	Not Chngd	Not Chngd	Not Chngd
Sample Status	ABNORMAL	ABNORMAL	ABNORMAL	ABNORMAL

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



OIL CONDITION

Visc @ 40°C	cSt	25.7	34.8	25.6	26.9
-------------	-----	-------------	------	------	------

T: (813)684-5688
 F:



CONTAMINATION

Silicon	ppm	10	10	9	9
Sodium	ppm	8	3	9	7
Potassium	ppm	<1	2	2	2

Diagnosis
 No corrective action is recommended at this time. Resample at the next service interval to monitor. The iron level is abnormal. All other 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	294	314	283	255
Copper	ppm	14	17	14	14
Lead	ppm	0	<1	<1	<1
Tin	ppm	0	0	<1	<1
Aluminum	ppm	17	17	16	18
Chromium	ppm	<1	<1	<1	<1
Molybdenum	ppm	<1	<1	<1	<1
Nickel	ppm	0	<1	<1	1
Titanium	ppm	<1	<1	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	9	9	9	8
Vanadium	ppm	<1	0	0	0



ADDITIVES

Calcium	ppm	108	107	95	98
Magnesium	ppm	6	3	2	1
Zinc	ppm	34	35	15	30
Phosphorus	ppm	163	163	178	159
Barium	ppm	0	0	0	0
Boron	ppm	44	44	42	42

Depot: COVTAM
Unique No: 10615351
Signed: Sean Felton
Report Date: 23 Aug 2023



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

